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TURCK

Connectivity
Part Number Key

Connectivity Part Number Key Content

M12 Eurofast
M12 Redesign
M8 Picofast
Minifast
Industrial Ethernet
DeviceNet Physical Media Connectivity
PROFIBUS - DP,-PA Physical Media Connectivity
Foundation Fieldbus
Microfast
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Minifast Process Automation
M12 Process Automation
A-Size 7/8" Powerfast Process Automation
D-Size 1 3/8" Powerfast Process Automation
Valve
Deutsch
A-Size 7/8" Powerfast
C-Size Powerfast
D-Size Powerfast
M12 Powerfast
M16 Powerfast
M23 Powerfast
M40 Powerfast
Common Product Modification Numbers (S#, C#, & CS#)

M12 Eurofast

M12 Eurofast Cordset Part Number Key

R K V 4.4 T - * - - /S..

M12 Eurofast Cordset
R = straight
W = right angle

Gender
K = female connector
S = male connector

Plug Body Style
(blank) = standard plug body
A = armored plug body, 18 AWG
C = medium plug body
CN = medium plug body, NAMUR wiring
E = large plug body
G = large, robust plug body
L = compact plug body
S = shielded to coupling nut

Coupling Nut Options
(blank) = nickel plated brass
V = stainless steel
S = shielded to coupling nut
K = nylon

Number of Wires/AWG/Color Codes

4.2	= 2 wire	BN, BU
4.21	= 2 wire	BN, BU, NAMUR
4.22	= 2 wire	BN, BU
4.23	= 2 wire	BN, BU
4	= 3 wire	BN, BU, BK
4.4	= 4 wire	BN, WH, BU, BK
4.41	= 4 wire	BN, WH, BU, BK, NAMUR
4.43	= 4 wire	BN, WH, BU, BK, yellow jacket
4.5	= 5 wire	BN, WH, BU, BK, GY
4.6	= 6 wire	BN, WH, BU, BK, GY, PK
5	= 5 wire	GN, WH, OG, BK, RD, NAMUR
6	= 6 wire	BN, WH, Bu, BK, GY, PK
8	= 8 wire	WH, BN, GN, YE, GY, PK, BU, RD
8.6	= 6 wire	WH, GN, YE, GY, BN, BU
8.8	= 8 wire	WH, GN,YE, GY, BN, PK, BU, RD
10	= 10 wire	WH, BN, GN, YE, GY, PK, BU, RD, OG, TN
12	= 12 wire	WH, BN, GN, YE, GY, PK, BU, RD, OG, TN, VT

AWG sizes depend on body style and "/S" variety

(blank) = no barb fitting, L style only
T = T barb fitting
A = armored cable

Length in Meters

LED Options
(blank) = no LEDs
P7X2 = 2 LEDs with sourcing (PNP) signal and power
P7X3 = 3 LEDs with sourcing (PNP) signal and power
N7X2 = 2 LEDs with shrinking (NPN) signal and power

Insertion Point of Extension Cable and Second Prefix*
* Female connector listed first, male connector second
Example: **RK 4T-4-WS-4T**

Varieties

(blank)	= PVC jacket
/S90	= TPU jacket
/S90-SP	= TPU coil cord
/S101	= Flexlife-20, high flex cable
/S529	= yellow PUR jacket, braided shield, PVC inner jacket
/S618	= foil shield & drain wire, drain not connected
/S622	= grey PVC jacket, 18 AWG conductors
/S653	= foil shield & drain wire, drain connected
/S715	= yellow jacket
/S824	= PLTC
/S1092	= PTFE coated coupling nuts
/S1587	= TPE, Weldlife
/S1077	= silicone tubing
/S	= consult factory, special
/CS	= consult factory, special

M12 Eurofast Receptacle Part Number Key

F K FD 4.4 * /S..

M12 Eurofast Receptacle

Gender
K = female connector
S = male connector

Housing Style
(blank) = front mount
D = front mount, front locknut
FD = rear mount
FDL = rear mount, solder cup
M = front mount, rotating coupling nut
P = back panel mount

Keyway Type
(blank) = standard keyway
W = reverse keyway

Housing Material Keyway Type
(blank) = nickel plated brass
V = stainless steel

Number of Wires/AWG/Color Codes

4.2	= 2 wire	BN, BU
4.21	= 2 wire	BN, BU, NAMUR
4.22	= 2 wire	BN, BU
4.23	= 2 wire	BN, BU
4	= 3 wire	BN, BU, BK
4.4	= 4 wire	BN, WH, BU, BK
4.41	= 4 wire	BN, WH, BU, BK, NAMUR
4.43	= 4 wire	BN, WH, BU, BK, yellow jacket
4.5	= 5 wire	BN, WH, BU, BK, GY
4.6	= 6 wire	BN, WH, BU, BK, GY, PK
5	= 5 wire	GN, WH, OG, BK, RD, NAMUR
6	= 6 wire	BN, WH, Bu, BK, GY, PK
8	= 8 wire	WH, BN, GN, YE, GY, PK, BU, RD
8.6	= 6 wire	WH, GN, YE, GY, BN, BU
8.8	= 8 wire	WH, GN,YE, GY, BN, PK, BU, RD
10	= 10 wire	WH, BN, GN, YE, GY, PK, BU, RD, OG, TN
12	= 12 wire	WH, BN, GN, YE, GY, PK, BU, RD, OG, TN, VT

AWG sizes depend on body style and "/S" variety

Connection Type/Length in Meters
(blank) = no leads, either PCB pin or solder cup
PCB = PCB pins

Thread Type
(blank) = PG 9 threads or other, see specifications
/13.5 = PG 13.5 threads
/14.5 = 1/2-14 NPSM threads
/14.5/NPT = 1/2-14 NPT threads
M20 = M20x1 threads
/PG16 = PG 16 threads

Varieties

/S613 ..	= 18 AWG, standard color code
/CS ..	= consult factory, special
/S..	= consult factory, special
/S717	= assembled with jacketed cable

M12 Eurofast

M12 Eurofast Field Wireable Part Number Key

BM | S | WS | 8 | 2 | 5 | 1 | - | P7X2 | - | 0 | / | PG9 | / | LABEL

Field Wireable Type
- **B** = standard field wireable
- **BM** = metal coupling nut
- **CMB** = shielded
- **DB** = dual cable, splitter

Gender
- **(blank)** = female
- **S** = male
- **K** = female

Keyway Type
- **(blank)** = standard
- **WS** = reverse key

M12 Eurofast Field Wireable

Housing Style
- **1** = straight
- **2** = right angle

Number of Pins
- **4** = 4
- **5** = 5
- **6** = 6
- **8** = 8
- **12** = 12

Termination
- **1** = screw terminal
- **6** = IDC
- **7** = spring clamp

LED Option
- **(blank)** = no indicators
- **P7X2** = PNP LEDs

Cable Option
- **0** = no cable

Cable Opening
- **(blank)** = standard
- **PG 9** = PG9 cable opening
- **0/9** = PG9 cable opening, for reverse key

Color Coded Pin Labels
- **LABEL** = standard
- **ASI** = AS-interface® network
- **DNET** = DeviceNet™ network

M12 Eurofast Reverse Key (B-Code) Cordset Part Number Key

| | W | A | K | | W | 4.5 | T | - | * | - | /S.. |

M12 Eurofast Cordset
- **(blank)** = straight
- **W** = right angle

Reverse Key

Gender
- **K** = female connector
- **S** = male connector

Coupling Nut Options
- **(blank)** = nickel plated brass
- **K** = nylon
- **V** = stainless steel

Reverse Key

Number of Wires/AWG/Color Codes

4	= 3 wire	BN, BU, GN/YE
4.4	= 4 wire	BN, WH, BU, BK
4.5	= 4 wire	BN, WH, BU, BK, GN/YE

(blank) = no barb fitting, L style only
T = T barb fitting

Length in Meters

Insertion Point of Extension Cable and Second Prefix*
- * Female connector listed first, male connector second
  Example: **WAKW 4.5T-*-WASW 4.5T**

Varieties
- **/S626** = grey PVC jacket, 3x20 AWG
- **/C101** = Flexlife-20, high flex cable
- **/C618** = EMI, RFI protection, 5x22 AWG
- **/C653** = EMI, RFI protection, 4x22 AWG
- **/S..** = consult factory, special
- **/CS** = consult factory, special

M12 Eurofast Standard and Low Profile Junction Box Part Number Key

VB | | | 40N | - | | - | 5 | /S..

Eurofast Junction Box

Housing Material
- **(blank)** = nylon, connectors on top
- **M** = metal, connectors on side

Number of Ports, Wiring
- **40N** = 4 port, NAMUR, 1 signal per port, common positive
- **40x1N** = 4 port, NAMUR, 1 signal per port, isolatied circuit
- **40** = 4 ports, 1 signal per port
- **40.5N** = 4 port, NAMUR, 2 signal per port, common positive
- **40x1.5N** = 4 port, NAMUR, 2 signal per port, isolatied circuit
- **80** = 8 ports, 1 signal per port

LED Options
- **(blank)** = no LEDs
- **P7Xn** = PNP LEDs, n = number of LEDs
- **N7Xn** = NPN LEDs, n = number of LEDs

Cable Type (x)
- * = cable length
- **CS y** = Multifast connectors, y = number of pins
- **H1151** = Eurofast connector, 5-pin

Varieties
- **/S** = consult factory, special
- **/CS** = consult factory, special

| 8 | MB | | 12 | - | 5 | P | 3 | - | K | - | FK |

Number of Ports
- **4** = 4 ports
- **8** = 8 ports

Multibox

Housing Material
- **(blank)** = nickel plated brass
- **V** = 316 stainless steel

Port Connector Type
- **12** = Eurofast
- **12Z** = Eurofast - low profile

Port Pin Count
- **4** = 4 pin
- **5** = 5 pin

Port Pin Count
- **(blank)** = no LED
- **P** = PNP LED
- N = NPN LED

Number of Wires / AWG / Color Code
- **1** = power LED only
- **2** = 1 signal LED per port, 1 power LED
- **3** = 2 signal LEDs per port, 1 power LED
- **4** = 2 signal LEDs per port, 2 power LEDs

Body Material (terminal chamber only)
- **K** = plastic
- **MS** = metal, shielded

Homerun
- **CS 12** = 12 pin M23 male receptacle
- **CS 19** = 19 pin M23 male receptacle
- **CSV 12** = 12 pin M23 male stainless steel receptacle
- **CSV 19** = 19 pin M23 male stainless steel receptacle
- * = cable length
- **CS12H** = 12 pin M23 male receptacle, side exit
- **CS19H** = 19 pin M23 male receptacle, side exit
- **RSF 120** = 12 pin Minifast male, receptacle
- **RSF 190** = 19 pin Minifast male, receptacle
- **FK** = terminal chamber w/spring clamp
- **SK** = terminal chamber w/screw clamp

Terminal Chamber Junction Boxes

TB | - | 8 | M12 | | - | 5 | P | 3 | - | K | - | SK | - | 10 | / | CS

Turck Box

Number of Ports
- **4** = 4 ports
- **8** = 8 ports

Port Connectors
- **M12** = Eurofast (M12x1)

Port Connector Material
- **(blank)** = Nickel plated brass
- V = Stainless steel

Port Type
- **5** = 2 signals/port

Port LED Type
- **(blank)** = no LED
- **P** = PNP LED
- N = NPN LED

Number of LEDs (if applicable)
- **3** = 1 power + 2 signal LEDs/port

Housing Material
- **K** = Plastic (Kunststoff)

Terminal Type
- **FK** = Spring clamp (Federzugklemme)
- **SK** = Screw clamp (Schraubklemme)

Outer Diameter at the M20 Cable Glant
- **8** = 8-12 mm
- **10** = 10-14 mm

Options (if applicable)
- **CSxxxxx** = Customer specific

M12 Redesign

M12 Redesign Cordset Part Number Key

E | S | R | T | 001 - A4 . 4 00 - GC2K - 2

Family
E = Eurofast (M12)

Gender
K = female
S = male

Plug Style
R = straight
W = right angle

Coupling Nut Configuration
T = nickel plated brass, includes Torque Sleeve
B = nickel plated brass, without Torque Sleeve
L = stainless steel, includes Torque Sleeve
V = stainless steel, without Torque Sleeve
P = acetal plastic, without Torque Sleeve
F = PTFE coated brass, without Torque Sleeve

Optional Customization
(blank) = no customization, black plug body and yellow Torque Sleeve (when included)
001 = yellow plug body
.. = consult factory for other options

Insertion Point of Extension Cable and Second Prefix*
*Female connector listed first, male connector second
Example: **EKRT-ESRT-A4.400-GC2K-1**

Customization options are available for different colors, keyway rotations, and pinouts. Contact factory for details.

Length in Meters
nearest 0.1m
max 4 characters

Cable Series
GC2K = black general purpose PVC jacket with 22 AWG conductors (standard)
GC2Y = yellow general purpose PVC jacket with 22 AWG conductors
GC8K = black general purpose PVC jacket with 18 AWG conductors
GU24 = grey general purpose TPU with 22 AWG conductors (S90)
GU2K = black general purpose TPU jacket with 22 AWG conductors (S90, S760)
GU2Y = yellow general purpose TPU jacket with 22 AWG conductors (S90)
GU8K = black general purpose TPU jacket with 18 AWG conductors (S90)
WA2Y = yellow aramid over Weldlife TPE jacket with 22 AWG conductors (S3415)
WE2K = black Weldlife TPE jacket with 22 AWG conductors (S1587, S760)
WE2Y = yellow Weldlife TPE jacket with 22 AWG conductors (S1587)
WE8K = black Weldlife TPE jacket with 18 AWG conductors(S1587,S760)
WE8Y = yellow Weldlife TPE jacket with 18 AWG conductors (S3060)
DC24 = grey PVC cable with foil shield, drain wire and 22 AWG conductors (S653)
FE24 = grey Flexlife 20 TPE jacket with 22 AWG conductors (S101)
FE8Y = yellow Flexlife 20 TPE jacket with 18 AWG conductors (S101)
HUA6 = orange halogen free TPU with 0.34mm² conductors (TXO3700)
HUAK = black halogen free TPU with 0.34mm² conductor (TXL)

Pinout
00 = standard DC
... = consult factory for other options

Number of Conductors

Keyway Coding and Pole Count
A4 = standard / A-code with 4 poles (up to 4 wires when center pin is not used)
A5 = standard / A-code with 5 poles (up to 5 wires when center pin is used)
B5 = reversed / B-code with 5 poles

M12 Redesign Receptacle Part Number Key

E | R | S | B | G - A4 . 4 00 4 - *

Family
E = Eurofast (M12)

Mounting Type
F = front mount receptacle
R = rear mount receptacle

Gender
K = female
S = male

Housing Material
B = nickel plated brass (standard)
V = stainless steel

Mounting Thread
G = PG9
H = 1/2-14 NPT
Q = 1/4-18 NPT
M = M16
T = M20

Locknut
(blank) = included/installed, same material as housing
0 = (zero) not included

Length in Meters
nearest 0.1 m
max 4 characters

Wire Gauge
.2 = 22 AWG
.8 = 18 AWG
.4 = 24 AWG, non-standard
.0 = 20 AWG, non-standard
... =

Pinout
00 = standard DC
... = consult factory for other options

Number of Conductors

Keyway Coding and Pole Count
A4 = standard / A-code with 4 poles (up to 4 wires when center pin is not used)
A5 = standard / A-code with 5 poles (up to 5 wires when center pin is used)
B5 = reversed / B-code with 5 poles

M8 Picofast

M8 Picofast Cordset Part Number Key

P K G [ ] [ ] 3 Z - P7X2 * /S..

M8 Picofast Cordset

Gender
K = female connector
S = male connector

Configuration
G = straight
W = right angle

Plug Body Style
(blank) = standard
C = medium plug body (22 AWG)

Coupling Nut (Threaded coupling nut only)
(blank) = nickel plated brass
V = Stainless steel
S = Shielded to coupling nut

Number of Wires / AWG / Color Code
3 = 3x24 AWG BN, BU, BK
4 = 4x26 AWG BN, BU, BK, WH
6 = 6x26 AWG BN, BU, BK, WH, GY, PK

Locking Method
(blank) = male snap lock (no locking sleeve)
Z = female snap lock (locking sleeve)
M = M8x1 threaded coupling nut
F = fixed thread (3-pin male only)

LED Options
(blank) = No LEDs
P7X2 = 2 LEDs with sourcing (PNP) signal and power
N7X2 = 2 LEDs with sinking (NPN) signal and power

Length in Meters

Insertion point of Extension Cable and 2nd Prefix*
- Female connector listed 1st, male connector 2nd
  Example: **PKG 3M - 2 - PSG 3M**

Varieties
(blank) = PVC jacket
/S90 = TPU jacket
/S90-SP = TPU coil cord
/S90/S101 = TPU jacket, Flexlife ®-20, and C-Track
/S90/S618 = TPU jacket with foil shield and drain wire
/S760/S171 = PVC black jacket, black plug body
/S .. = consult factory, special
/CS .. = consult factory, special
/S1587 = TPE jacket, Weldlife

M8 Picofast Receptacle Part Number Key

M F K S 3 F - *

M8 Picofast Receptacle
M = straight
WM = right angle (PCB pins)

Designator for Receptacle

Gender
K = female connector
S = male connector

Connection Type
(blank) = snap lock
S = threaded
SH = threaded and mounting bracket
SHL = threaded and long mounting bracket

Number of Wires / AWG / Color Code
3 = 3x24 AWG BN, BU, BK
4 = 4x26 AWG BN, BU, BK, WH
6 = 6x26 AWG BN, BU, BK, WH, GY, PK

Mounting Style
(blank) = front mount (rear thread and locknut)
F = rear mount (front thread and locknut)

Connection Type / Length in Meters
PCB = PCB pins
PCBF = PCB pins
S717 = assembled with jacketed cable

Field Wireable Part Number Key

B S [ ] S 1 3 1 - 0

Field Wireable Type
B = standard field wireable

Gender
(blank) = female connector
S = male connector

M8 Picofast Field Wireable

Housing Style
1 = straight
2 = right angle

Number of Pins
3 = 3
4 = 4

Termination
1 = threaded connector
2 = snap lock
3 = threaded with screw terminal
6 = IDC

Cable Option
0 = no cable

Junction Box Part Number Key

TB - 8 M8 M - 3 P2 - FS8 /

Picofast Junction Box

Number of Ports
4 = 4-Port
8 = 8-Port

Port connectors
M8 = M8 Picofast

Port Connection Type
M = M8x1 thread
Z = M8 Snap

Port Type
3 = 3-pin ports, 1 signal per port
4 = 4-pin ports, 2 signal per port

Port LED Type
(blank) = no LEDs
P2 = PNP LEDs (3-pin only)
N2 = NPN LEDs (3-pin ports only)

Homerun Connector
FS8 = 8-pin M12
FS12 = 12-pin M12
* = cable length in meters

Special Modifiers, /S & /CS

Minifast

7/8", 1" & 1 1/8" Minifast Cordset Part Number Key

R | K | M | 30 | - | *M | /S..

7/8", 1" & 1 1/8" Minifast Cordset

R = straight
W = right angle

Gender

K = female connector
S = male connector
Y = male connector, female threads

Coupling Nut Material

(blank) = nylon
M = nickel plated brass
V = stainless steel (hex on 1", 1 1/8" and knurl on 7/8")
VH = stainless steel (hex on 7/8")

Insertion point of Extention Cable and 2nd Prefix*

- Male connector listed 1st, female connector 2nd
  Example: **RSM RKM 40-2M**

Number of Wires / AWG / Color Codes

20 = 2x18 AWG BN, BU
26 = 2x16 AWG WH, BK
28A = 2x18 AWG WH, BK
30 = 3x18 AWG GN/YE, BN, BU
31 = 3x18 AWG BK, BN, BU
35 = 3x16 AWG GN/YE, RD/BK, RD/WH
36 = 3x16 AWG GN/YE, BK, WH
38A = 3x18 AWG GN/YE, BK, WH
311 = 3x18 AWG GN/YE, RD/BK, RD/WH
40 = 4x18 AWG BN, WH, BU, BK
46 = 4x16 AWG BK, WH, RD, GN/YE
47 = 4x16 AWG BN, WH, BU, GN/YE
48A = 4x18 AWG BK, WH, RD, GN/YE
461 = 4x16 AWG BN, WH, BU, GN/YE
50 = 5x18 AWG BK, BU, GN/YE, BN, WH
55 = 5x16 AWG RD/WH, RD/BU, GN/YE, RD/OG, RD/BK
56 = 5x16 AWG WH, RD, GN/YE, OG, BK
58A = 5x18 AWG WH, RD, GN/YE, OG, BK
511 = 5x18 AWG RD/WH, RD/BU, GN/YE, RD/OG, RD/BK
61 = 6x18 AWG GN, WH, BU, GY, YE, BN
66 = 6x16 AWG WH, RD, GN/YE, OG, BK,BU
68A = 6x18 AWG WH, RD, GN/YE, OG, BK, BU
6B6 = 6x16 AWG OG, BU, BK, WH, RD, GN/YE
76 = 7x16 AWG WH/BK, BK, WH, RD, OG, BU, GN/YE
86 = 8x16 AWG OG, BU, WH/BK, BK, WH, RD, GN/YE, RD/BK
96 = 9x16 AWG OG, BU, RD/BK, GN/BK, WH, RD, GN/YE, WH/BK, BK
106 = 10x16 AWG OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, RD, GN/YE, BK, WH
126 = 12x16 AWG OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, BU/BK, BK/WH, GN/YE, RD, WH, BK
190 = 3x18, 16X22 AWG VT, RD, GY, RD/BU, BU, GN, BN, WH/GN, WH/YE, WH/GY, BK, GN/YE, YE/BN, BN/GN, WH, YE, PK, GY/BN, GY/PK
__A Metal Clad Cable (18 AWG straight only)
__D Smooth Plug Body (16 AWG straight only)

Length in Meters

Varieties

(blank) = PVC jacket
/S90 = TPU jacket
/S90-SP = TPU coil cord
/S101 = Flexlife ®-20, and C-Track high flex cable
/S600 = CPE, rubber jacket
/S1077 = silicone tubing
/S1587 = TPE, Weldlife ®
/S3059 = TPE, Weldlife ®, automotive
/S .. = consult factory, special
/CS .. = consult factory, special

7/8", 1" & 1 1/8" Minifast Receptacle Part Number Key

R | K | F | | V | 30 | - | *M | /MPT | /S..

7/8", 1" & 1 1/8" Minifast Receptacle

Gender

K = female connector, female threads
S = male connector, male threads
Y = male connector, female threads
X = female connector, male threads

Designator for Receptacle

Mounting Style

(blank) = front mount
P = back panel mount
L = solder cup
F = flange mount

Housing Material

(blank) = nickel plated brass
K = nylon
V = stainless steel

Number of Wires / AWG / Color Codes

20 = 2x18 AWG BN, BU
26 = 2x16 AWG WH, BK
28 = 2x18 AWG WH, BK
30 = 3x18 AWG GN/YE, BN, BU
31 = 3x18 AWG BK, BN, BU
35 = 3x16 AWG GN/YE, RD/BK, RD/WH
36 = 3x16 AWG GN/YE, BK, WH
38 = 3x18 AWG GN/YE, BK, WH
311 = 3x18 AWG GN/YE, RD/BK, RD/WH
40 = 4x18 AWG BN, WH, BU, BK
46 = 4x16 AWG BK, WH, RD, GN/YE
47 = 4x16 AWG BN, WH, BU, GN/YE
48 = 4x18 AWG BK, WH, RD, GN/YE
461 = 4x16 AWG BN, WH, BU, GN/YE
50 = 5x18 AWG BK, BU, GN/YE, BN, WH
55 = 5x16 AWG RD/WH, RD/BU, GN/YE, RD/OG, RD/BK
56 = 5x16 AWG WH, RD, GN/YE, OG, BK
58 = 5x18 AWG WH, RD, GN/YE, OG, BK
511 = 5x18 AWG RD/WH, RD/BU, GN/YE, RD/OG, RD/BK
61 = 6x18 AWG GN, WH, BU, GY, YE, BN
66 = 6x16 AWG WH, RD, GN/YE, OG, BK,BU
68 = 6x18 AWG WH, RD, GN, OG, BK, BU
6B6 = 6x16 AWG OG, BU, BK, WH, RD, GN/YE
76 = 7x16 AWG WH/BK, BK, WH, RD, OG, BU, GN/YE
86 = 8x16 AWG OG, BU, WH/BK, BK, WH, RD, GN/YE, RD/BK
96 = 9x16 AWG OG, BU, RD/BK, GN/BK, WH, RD, GN/YE, WH/BK, BK
106 = 10x16 AWG OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, RD, GN/YE, BK, WH
126 = 12x16 AWG OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, BU/BK, BK/WH, GN/YE, RD, WH, BK
190 = 3x18, 16X22 AWG VT, RD, GY, RD/BU, BU, GN, BN, WH/GN, WH/YE, WH/GY, BK, GN/YE, YE/BN, BN/GN, WH, YE, PK, GY/BN, GY/PK

Connection Type / Length in Meters

(blank) = solder cup
PCB = PCB pins

Connection Thread

(blank) = 1/2-14 NPSM threads
/NPT = 1/2-14 NPT threads
/14.5/NPT = 1/2-14 NPT threads (1" & 1 1/8")
/14.75/NPT = 3/4-14 NPT threads
/M20 = /M20x1.5 threads

Varieties

S717 = assembled with jacketed cable
/S849 = 22AWG
/S .. = consult factory, special
/CS .. = consult factory, special
W/LN = with lock nut

Field Wireable Part Number Key

B | S | | 4 | 2 | 3 | 1 | - | 0 | / | 9

Field Wireable Type

B = standard field wireable

Gender

(blank) = female
S = male

Coupling Nut Material

(blank) = nickel
V = stainless steel

Minifast Style

4 = 7/8"
7 = 1" or 1 1/8"

Housing Style

1 = straight
2 = right angle

Number of Pins

3 = 3
4 = 4
5 = 5
6 = 6
6B6 = 6
7 = 7
8 = 8
9 = 9
10 = 10
12 = 12

Termination

1 = standard

Cable Option

0 = no cable

Cable Opening

9 = PG 9 cable opening (6-8mm cable)
13.5 = PG 13.5 cable opening (10-12mm cable)
16 = PG 16 cable opening (12-14mm cable)
21 = PG 12 cable opening (9-16mm cable)

Junction Box Part Number Key

4 | RFK | | 30 | - | X5 | - | 6M | /S..

Number of Ports

4
6
8

Type of Connector / Threads

RKF = Minifast, female contact holder, female threads
RXF = Minifast, female contact holder, male threads
MBMA = Minifast overmolded junction box

Receptacle Housing Material

(blank) = nickel plated brass
V = stainless steel

Number of Ports, Wiring

30 = 3-pin, standard wiring
301 = 3-pin, series wiring
40 = 4-pin, standard wiring

Varieties

/S.. = consult factory, customer special
/CS.. = consult factory, customer special

Cable Type (x)

***M** = length of integral home run cable in meters
CS12 = Multifast connector, 12-pin (only overmolded option)
B1131 = Minifast connector, 3-pin
B1161 = Minifast connector, 6-pin
RSF70 = Minifast connector, 7-pin
RSF80 = Minifast connector, 8-pin
RSF100 = Minifast connector, 10-pin
RSF120 = Minifast connector, 12-pin

LED Options

(Blank) = No LEDs
Xn = LEDs, n = Number of LEDs

Industrial Ethernet

Eurofast Cordset Part Number Key

R | S | C | D | V | 44x | - | *M

M12x1 (Eurofast)
R = straight
W = right angle

Gender
K = female connector, female threads
S = male connector, male threads

Plug Style
C = large plug body
S = shielded to coupling nut

Keyway / Coding
(blank) = 8 pin, standard keyway
D = 4 pin, D-code keyway
X = 8 pin, X-code keyway

Coupling Nut Material
(blank) = nickel plated brass
V = stainless steel

Cable Type
44X = Ethernet (4-pin)
84X = Ethernet (8-pin)
42X = Profinet (4-pin)
86X = Gigabit (8-pin)

Length in Meters

Eurofast Receptacle Part Number Key

F | K | FD | D | | 44x | - | *M

M12x1 (Eurofast)

Gender
K = female connector, female threads
S = male connector, male threads

Housing Style
FD = back panel mount, unshielded
FDE = back panel mount, large body, unshielded
SD = back panel mount, shielded
SDE = back panel mount, large body, shielded

Keying Options
(blank) = 8 pin, standard keyway
D = 4 pin, D-code keyway
X = 8 pin, X-code keyway

Housing Material
(blank) = nickel plated brass
V = stainless steel

Cable Type
44X = Ethernet (4-pin)
84X = Ethernet (8-pin)
42X = Profinet (4-pin)
86X = Gigabit (8-pin)

Length in Meters

Picofast Cordset Part Number Key

P | S | G | S | 4 | M | 44x | - | *M

M8x1 (Picofast)

Gender
K = female connector
S = male connector

Configuration
G = straight
W = right angle

Coupling Nut (Threaded coupling nut only)
S = shielded to coupling nut

Number of Pins

Locking Method
M = M8x1 threaded coupling nut

Cable Type
44X = Ethernet

Length in Meters

Picofast Receptacle Part Number Key

M | F | K | S | 4 | F | 44x | - | *M

M8 (Picofast)
M = straight

Designator for Receptacle

Gender
K = female connector
S = male connector

Connection Type
S = threaded

Number of Pins

Locking Method
F = rear mount (front thread and locknut)

Cable Type
44X = Ethernet

Length in Meters
consult factory for other lengths.

RJ45 Network Cordsets Part Number Key

W | RJ45 | E | S | M | 1P67 | 44x | - | *M

Connector Configuration
(blank) = straight connector
W = right angle connector

Gender
RJ45 = RJ45 plug (8P8C)

Right Angle Connection Style
(blank) = straight connector
E = stands for external tab. Tab is on the outside away from the cable
I = stands for internal tab. Tab is on the inside towards the cable.

Designator for Shielding
(blank) = unshielded
S = shielded

Material for IP67 RJ45
(blank) = plastic
M = metal

Housing
(blank) = standard IP20 RJ45
IP67 = bayonet style IP67 RJ45

Cable Type
44X = Ethernet (4-pin)
84X = Ethernet (8-pin)
42X = Profinet (4-pin)
86X = Gigabit (8-pin)

Length in Meters

DeviceNet Physical Media Connectivity

Minifast Cordset Part Number Key

W K M | 57x - *M

7/8-16 UN (Minifast)
R = straight
W = right angle

Gender
K = female connector, female threads
S = male connector, male threads

Coupling Nut Material
(blank) = nylon
M = nickel plated brass
V = stainless steel

Length in Meters(*)
consult factory for other lengths.

Cable Type
57X = DeviceNet

Minifast Receptacle Part Number Key

R K F | V | 57x - *M /NPT

7/8-16 UN (Minifast)

Gender
K = female connector, female threads
S = male connector, male threads

Designator for Receptacle

Mounting Style
(blank) = front mount
P = back panel mount

Material
(blank) = nickel plated brass
K = nylon
V = stainless steel

Connection Type
(blank) = leads or PCB pins
L = solder cup

Connection Thread (front mount only)
(blank) = 1/2-14 NPSM threads
/14.5 = 1/2-14 NPT full length threads
/14.75 = 3/4-14 NPT full length threads
/M20 = M20

Length in Meters

Wiring
57x = DeviceNet cable
57 = 5 wires (gray, red, black, white, blue)

Eurofast Cordset Part Number Key

R S C V | 57x - *M

M12x1 (Eurofast)
R = straight
W = right angle

Gender
K = female connector, female threads
S = male connector, male threads

Plug Body
C = large plug body
G = robust large plug body
T = small plug body

Coupling Nut Material
(blank) = nickel plated brass
K = nylon
V = stainless steel

Length in Meters(*)
consult factory for other lengths.

Cable Type
57X = DeviceNet

Eurofast Receptacle Part Number Key

F S F V | 57x - *M /14.5

M12x1 (Eurofast)

Gender
K = female connector, female threads
S = male connector, male threads

Housing Style
(blank) = front mount
FD = standard back panel mount

Housing Material
(blank) = nickel plated brass
V = stainless steel

Connection Thread (front mount only)
(blank) = PG9 threads
/14.5 = 1/2-14 NPT full length threads
/14.75 = 3/4-14 NPT full length threads
/M20 = M20

Length in Meters
consult factory for other lengths.

Wiring
57x = DeviceNet cable
57 = 5 wires (gray, red, black, white, blue)

Picofast Part Number Key

P S G | 5 M | 57x - *M

M8x1 (Picofast)

Gender
K = female connector
S = male connector

Configuration
G = straight
W = right angle

Coupling Nut (Threaded coupling nut only)
(blank) = nickel plated brass
V = stainless steel

Number of Pins

Locking Method
M = M8x1 threaded coupling nut

Length in Meters
Consulst factory for other lenthgs.

Cable Type
57X = DeviceNet

M8 Picofast Receptacle Part Number Key

M F K S | 5 | 57x - *M

M8x1 (Picofast)
M = straight

Designator for Receptacle

Gender
K = female connector
S = male connector

Connection Type
S = threaded

Number of Wires

Locking Method
(blank) = front mount (rear thread and locknut)

Length in Meters
Consulst factory for other lenthgs.

Wiring
57X = DeviceNet
57 = 5 wires (gray, red, black, white, blue)

PROFIBUS - DP, -PA Physical Media Connectivity

Eurofast Cordset Part Number Key

R	S	S	W	V	45x	-	*M

M12x1 (Eurofast)
R = straight
W = right angle

Gender
K = female connector, female threads
S = male connector, male threads

Plug Body
C = large plug body
G = robust large plug body
S = shielded to coupling nut

Keying Options
(blank) = 4 pin standard A-code (PROFIBUS-PA)
W = 5 pin reverse key B-code (PROFIBUS-DP)

Coupling Nut Material
(blank) = nickel plated brass
V = stainless steel

Cable Type
45X = PROFIBUS-DP
48X = PROFIBUS-PA

Length in Meters *
consult factory for other lengths.

Eurofast Receptacle Part Number Key

F	K		W	V	45x	-	*M

M12x1 (Eurofast)

Gender
K = female connector, female threads
S = male connector, male threads

Housing Style
(blank) = front mount
FD = standard back panel mount
SDWE = shielded back panel mount, large body, reverse key

Keying Options
(blank) = 4 pin standard A-code (PROFIBUS-PA)
W = 5 pin reverse key B-code (PROFIBUS-DP); not used for the F*SDWE variation

Coupling Nut Material
(blank) = nickel plated brass
V = stainless steel

Wiring
45X = PROFIBUS-DP cable
45 = P-PD, 3 wires (green, red, gray)
48X = PROFIBUS-PA cable
48 = P-PA, 3 wires (blue, brown, gray)

Length in Meters *
consult factory for other lengths.

Minifast Cordset Part Number Key

W	K	M	48x	-	*M

7/8-16 UN (Minifast)
R = straight
W = right angle

Gender
K = female connector, female threads
S = male connector, male threads

Coupling Nut Material
(blank) = nylon
M = nickel plated brass
V = stainless steel

Cable Type
48X = PROFIBUS-PA

Length in Meters *
consult factory for other lengths.

Minifast Receptacle Part Number Key

R	K	F		V		48x	-	*M	/14.5

7/8-16 UN (Minifast)

Gender
K = female connector
S = male connector

Designator for Receptacle

Mounting Style
(blank) = front mount
P = back panel mount

Material
(blank) = nickel brass
K = nylon
V = stainless steel

Connection Type
(blank) = leads or PCB pins
L = solder cup

Wiring
48X = PROFIBUS-PA cable
48 = P-PA, 3 wires (blue, brown, gray)

Length in Meters (*)
consult factory for other lengths.

Connection Thread (front mount only)
(blank) = 1/2-14 NPSM threads
/14.5 = 1/2-14 NPT full length threads
/14.75 = 3/4-14 NPT full length threads
/M20 = M20 threads

Foundation Fieldbus

Minifast Cordset Part Number Key

W	K	M	49x	-	*M

7/8-16 UN (Minifast)
R = straight
W = right angle

Gender
K = female connector, female threads
S = male connector, male threads

Coupling Nut Material
(blank) = nylon
M = nickel plated brass
V = stainless steel

Length in Meters (*)
consult factory for other lengths

Cable Type
49x = Foundation Fieldbus

Minifast Receptacle Part Number Key

R	K	F		V		49x	-	*M	/14.5		/S..

7/8-16 UN (Minifast)

Gender
K = female connector, female threads
S = male connector, male threads

Designator for Receptacle

Mounting Style
(blank) = front mount
P = back panel mount

Material
(blank) = nickel brass
K = nylon
V = stainless steel

Connection Type
(blank) = leads or PCB pins
K = solder cup

Varieties
C1117 = 4-wires (blue, brown, gray, green/yellow)

Connection Thread (front mount only)
(blank) = 1/2-14 NPSM threads
/14.5 = 1/2-14 NPT full length threads
/14.75 = 3/4-14 NPT full length threads
/M20 = M20 threads

Length in Meters (*)
consult factory for other lengths.

Wiring
49 = 3-wires (blue, brown, green/yellow)
49D = 3-wires (blue, brown, gray)
49x = Foundation Fieldbus cable

Eurofast Cordset Part Number Key

R	S	C	V		49x	-	*M

M12x1 (Eurofast)
R = straight
W = right angle

Gender
K = female connector, female threads
S = male connector, male threads

Plug Body
C = large plug body
G = robust large plug body
S = shielded to coupling nut

Coupling Nut Material
(blank) = nickel plated brass
K = nylon
V = stainless steel

Length in Meters (*)
consult factory for other lengths.

Cable Type
49x = Foundation Fieldbus

Eurofast Receptacle Part Number Key

F	K		V	49x	-	*M	/14.5	/S..

M12x1 (Eurofast)

Gender
K = female connector, female threads
S = male connector, male threads

Housing Style
(blank) = front mount
FD = standard back panel mount

Coupling Nut Material
(blank) = nickel plated brass
V = stainless steel

Varieties
C1117 = 4-wires (blue, brown, gray, green/yellow

Connection Thread
(blank) = PG9 threads
/14.5 = 1/2-14 NPT full length threads
/14.75 = 3/4-14 NPT full length threads
/M20 = M20 threads

Length in Meters (*)
consult factory for other lengths.

Wiring
49 = 3-wires (blue, brown, green/yellow)
49D = 3-wires (blue, brown, gray)
49x = Foundation Fieldbus cable

1/2" Microfast Cordset Part Number Key

WKB | | V | 3 | T | - | * | /S..

1/2" Microfast Cordset
- **KB** = straight female connector
- **WKB** = right angle female connector
- **SB** = straight male connector
- **WSB** = right angle male connector

Body Style
- **(blank)** = standard plug body, 22 AWG
- **E** = large plug body, 18 AWG

Coupling Nut Material
- **(blank)** = nylon
- **V** = stainless steel
- **K** = nylon

Number of Wires / AWG / Color Codes
- **2** = BN, BU
- **3** = GN/YE, RD/BK, RD/WH
- **4** = RD/BK, RD/WH, RD, GN/YE
- **5** = RD/WH, RD, GN/YE, RD/YE, RD/BK
- **6** = RD/WH, RD, GN/YE, RD/YE, RD/BK, RD/BU

Plug Options
- **T** = T barb fitting

Length in Meters

Varieties
- **(blank)** = PVC jacket
- **/S90** = TPU jacket
- **/S90-SP** = TPU coil cord
- **/S105** = PVC jacket, mechanical shield (braided)
- **/S1587** = TPE, Weldlife
- **/S ..** = consult factory, special
- **/CS ..** = consult factory, special

1/2" Microfast Receptacle Part Number Key

F | K | B | | V | 4 | - | * | /18.25 | | /S..

1/2" Microfast Receptacle

Gender
- **K** = female connector, female threads
- **S** = male connector, male threads

Designator for Receptacle

Mounting Style
- **(blank)** = front mount
- **P** = back panel mount

Material
- **(blank)** = nickel plated brass
- **V** = stainless steel

Number of Wires / AWG / Color Codes
- **2** = BN, BU
- **3** = GN/YE, RD/BK, RD/WH
- **4** = RD/BK, RD/WH, RD, GN/YE
- **5** = RD/WH, RD, GN/YE, RD/YE, RD/BK
- **6** = RD/WH, RD, GN/YE, RD/YE, RD/BK, RD/BU

Length in Meters

Mounting Threads
- **18.25** = 1/4-18 NPT
- **14.5** = 1/2-14 NPSM
- **14.5/NPT** = 1/2-14 NPT
- **M20** = m20x1.5 threads

Varieties
- **/S690** = 18 AWG
- **/S717** = assembled with jacketed cable
- **/S ..** = consult factory, special
- **/CS ..** = consult factory, special

Field Wireable Part Number Key

MF | S | | 3 | 2 | 3 | 1 | - | 0

Field Wireable Type
- **MF** = standard field wireable

Gender
- **(blank)** = female
- **S** = male

1/2 Microfast Field Wireable

Housing Style
- **1** = straight
- **2** = right angle

Number of Pins
- **3** = 3

Termination
- **1** = standard

Cable Opening
- **0** = no cable

Junction Box Part Number Key

VBKB | 40 | - | X5 | - | CS12 | /S..

Microfast Junction Box

Number of Ports, Wiring
- **40** = 4 port, 1 signal per port
- **60** = 6 port, 1 signal per port
- **80** = 8 port, 1 signal per port

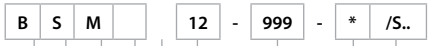
LED Options
- **(blank)** = No LEDs
- **Xn** = LEDs, n = Number of LEDs

Cable Type (x)
- **(numbers)** = length of integral home run cable in meters
- **CS12** = Multifast connector, 12-pin
- **B1161** = Minifast connector, 6-pin

Varieties
- **/S..** = consult factory, customer special
- **/CS..** = consult factory, customer special

M16 Versafast

M16 Versafast Cordset Part Number Key



M16 verafast Cordset

Gender
K = female connector
S = male connector

Configuration
(blank) = assembled connector
M = straight molded
WM = right angle molded

Housing Material
(blank) = nickel plated brass
K = nylon
V = stainless steel

Insertion point of Extension Cable and 2nd Prefix*
- Male connector listed 1st, female connector 2nd
  Example: BSM BKM 12-001 - 1

Number of Pins
5 = 5 **12** = 12
6 = 6 **14** = 14
7 = 7 **19** = 19
8 = 8

Varieties
(blank) = PVC jacket
/S90 = TPU jacket
/S101 = Flexlife ®-20 and C-Track high flex cable
/CS .. = consult factory, special
/S .. = consult factory, special

Length in Meters

Number of Wires / AWG / Color Codes

5-Pin
084 =5x18 AWG BN, BU, WH, BU, BK, GY
6-Pin
085 =6x18 AWG BN, BU, WH, BU, BK, GY, PK
7-Pin
086 =7x18 AWG WH, BN, GN, YE, GY, PK, BU
8-Pin
087 =8x18 AWG WH, BN, GN, YE, GY, PK, BU, RD
12-Pin
967 =12x22 AWG BN, BU, WH, GN, YE, GY, PK, RD, BK, OG, TN, VT / PVC jacket
001 =12x22 AWG (same color code as 967) / TPU jacket
999 =12x22 AWG (same color code as 967) / TPE jacket
14-Pin
998 =14x22 AWG BN, RD/BU, BK, PK, GN, BU, OG, GY/BN, VT, WH, RD, GY, YE, TN / PVC jacket
002 =14x22 AWG (same color code as 998) / TPU jacket
000 =14x22 AWG (same color code as 998) / TPE jacket
755 =12x24 AWG OG, BK, GN, GY, BN, TN, VT, RD, WH, YE, PK, BU / PVC jacket
836 =10x24 AWG GY, GN, BK, BN, PK, YE, WH, RD, VT, BU / PVC jacket
19-Pin
995 =19x22 AWG BU, GY/PK, RD/BU, WH/GN, BK, BN/GN, PK, WH/YE, GN, YE/BN, BU, OG, GY/BN, VT, WH, RD,GY, YE, TN / PVC jacket
996 =19x22 AWG (same color code as 995) / TPU jacket

M16 Versafast Receptacle Part Number Key



M16 verafast Receptacle

Gender
K = female receptacle
S = male receptacle

Designator for Receptacle

Housing Style
(blank) = front mount
D = rear mount

Housing Material
(blank) = nickel plated brass
V = stainless steel

Number of Pin
5 = 5 **12** = 12
6 = 6 **14** = 14
7 = 7 **19** = 19
8 = 8

Varieties
/S .. = consult factory, special
/CS .. = consult factory, special

Thread Type
/14.5/NPT = 1/2-14NPT threads
/18.375/NPT = 3/8-18NPT threads
/M20 = M20 threads
/M18 = M18 threads

Length in Meters

Number of Wires / AWG / Color Codes
5 = 5x18 AWG BN, BU, WH, BU, BK, GY
6 = 6x18 AWG BN, BU, WH, BU, BK, GY, PK
7 = 7x18 AWG WH, BN, GN, YE, GY, PK, BU
8 = 8x18 AWG WH, BN, GN, YE, GY, PK, BU, RD
12 = 12x22 AWG BN, BU, WH, GN, YE, GY, PK, RD, BK, OG, TN, VT
14 = 14x22 AWG BN, RD/BU, BK, PK, GN, BU, OG, GY/BN, VT, WH, RD, GY, YE, TN
19 = 9x22 AWG BN, GY/PK, RD/BU, WH/GN, BK, BN/GN, PK, WH/YE, GN, YE/BN, BU, OG, GY/BN, VT, WH, RD, GY, YE, TN
PCB = PCB Pins

Field Wireable Part Number Key



Configuration
(blank) = straight
W = right angle

M16 Versafast Field Wireable

Gender
K = female receptacle
S = male receptacle

Shielding
S = shielded to coupling nut

Number of Pins
5 = 5 **12** = 12
6 = 6 **14** = 14
7 = 7 **19** = 19
8 = 8

Field Wireable Designation

M23 Multifast

M23 Multifast Cordset Part Number Key

C S [ ] [ ] M [ ] 12 - 10 - * /S..

M23 Multifast Cordset

Gender
- **K** = female contact holder, female threads
- **S** = male contact holder, female threads
- **SS** = male contact holder, male threads, non-rotating coupling nut
- **X** = female contact holder, male threads non-rotating coupling nut

Color Code
- **(blank)** = DC color code, standard wiring
- **A** = DC color code, isolated power supply
- **R** = AC color code, standard wiring
- **B** = AC color code, standard wiring with LEDs
- **N** = NAMUR color code
- **C** = DC color code

Configuration
- **(blank)** = straight
- **W** = right angle

Connector Style
- **(blank)** = metal connector assembly
- **M** = molded plug body
- **MH** = molded plug body and push-pull coupling nut

Coupling Nut Material / Shielding
- **(blank)** = nickel plated brass
- **V** = stainless steel
- **S** = shielded

Insertion point of Extention Cable and 2nd Prefix*
- Male connector listed 1st, female connector 2nd
  Example: CSM CKM 12-10-5

Number of Pins
- **12** = 12
- **16** = 16
- **19** = 19

Number of Wires / AWG / Color Code
See catalog or source drawing for details

Length in Meters

Varieties
- **(blank)** = PVC jacket
- **/S90** = TPU jacket
- **/S101** = Flexlife-20 ®, and C-Track high flex cable
- **/S ..** = consult factory, special
- **/CS ..** = consult factory, special

M23 Multifast Receptacle Part Number Key

C K [ ] F [ ] 16 - 10 - * /S..

M23 Multifast Receptacle

Gender
- **K** = female contact holder, malethreads
- **S** = male contact holder, male threads

Color Code
- **(blank)** = DC color code, standard wiring
- **A** = DC color code, isolated power supply
- **R** = AC color code, standard wiring
- **B** = AC color code, standard wiring with LEDs
- **N** = NAMUR color code
- **C** = DC color code

Designator for Receptacle

Mounting Style
- **(blank)** = front mount
- **D** = rear mount
- **L** = front mount, long threads
- **DF** = flange for mounting

Number of Pins
- **12** = 12
- **16** = 16
- **19** = 19

Number of Wires / AWG / Color Code
See catalog or source drawing for details

Length in Meters

Varieties
- **/S ..** = consult factory, special
- **/CS ..** = consult factory, special

Field Wireable Part Number Key

C S 12 - 0

M23 Multifast Field Wireable

Gender
- **K** = female contact holder, female threads
- **S** = male contact holder, female threads
- **SS** = male contact holder, male threads, non-rotating coupling nut

Number of Pins
- **12** = 12
- **16** = 16
- **19** = 19

Field Wireable Designation

M27 Multifast

M27 Multifast Cordset Part Number Key

D S M 26 - 631 - * /S..

M27 Multifast Cordset

Gender
K = female contact holder, female threads
S = male contact holder, female threads
SS = male contact holder, male threads, non-rotating coupling nut

Connector Style
(blank) = metal connector assembly
M = molded plug body

Insertion point of Extention Cable and 2nd Prefix*
- Male connector listed 1st, female connector 2nd
  Example: **DSM DKM 26-631-5**

Number of Pins
26 = 26
28 = 28

Number of Wires / AWG / Color Code
631 (for 26-pin) = 25x22 AWG, 1x22 AWG drain
061 (for 28-pin) = 27x22 AWG, 1x22 AWG drain

Length in Meters

Varieties
/S .. = consult factory, special
/CS .. = consult factory, special

M27 Multifast Receptacle Part Number Key

D F K 26 - 25 - * /S..

M27 Multifast Receptacle

Gender
K = female contact holder, malethreads
S = male contact holder, male threads

Designator for Receptacle

Number of Pins
26 = 26
28 = 28

Number of Wires / AWG / Color Code
25 = 25 (for 26-pin)
27 = 27 (for 28-pin)

Length in Meters

Varieties
/S .. = consult factory, special
/CS .. = consult factory, special

Field Wireable Part Number Key

D S 26 - 0

M23 Multifast Field Wireable

Gender
K = female contact holder, female threads
S = male contact holder, female threads
SS = male contact holder, male threads, non-rotating coupling nut

Number of Pins
26 = 26
28 = 28

Field Wireable Designation

Minifast Process Automation

Minifast Cordset Part Number, 2-Wire Analog or HART Control Circuits

P - R S V [ ] R K V [ ] 40-330 - 2M

P= Process Cordset

7/8", 1" &1 1/8" Minifast Cordset
- **R** = straight
- **W** = right angle

Gender
- **K** = female connector and threads
- **S** = male connector and threads

Coupling Nut Material
- **M** = nickel plated brass
- **V** = 316 stainless steel

Body
- **(blank)** = standard
- **B** = large body, A-size armor

Insertion Point of Extension Cable Second Prefix*
*Male connector listed first, female connector second
Example: **P-RSV RKV 40-330-2M**

Length in Meters

Number of Wires/AWG/Color Codes/Cable Type
- **40-1188XL** = 3x18 AWG, BU, BN, GN/YE, ITC-ER/PLTC-ER, Extremelife-60 (black)
- **40-330** = 3x18 AWG, BU, BN, GN/YE, ITC-ER/PLTC-ER, DIR BUR, PVC (black)
- **40A-952** = 3x18 AWG, BU, BN, GN/YE, ITC-ER/PLTC-ER, DIR BUR, Armor, PVC (black)
- **66-2176XL** = 5x18 AWG, BU, BN, GN/YE, WH, BK, ITC-ER/PLTC-ER, DIR BUR, Extremelife-60 (black)
- **66-494** = 5x18 AWG, BU, BN, GN/YE, WH, BK, ITC-ER/PLTC-ER, DIR BUR, PVC (black)
- **66A-1802** = 5x18 AWG, BU, BN, GN/YE, WH, BK, ITC-ER/PLTC-ER, DIR BUR, Armor, PVC (black)
- **101-1189XL** = 9x18 AWG, WH/BK, BK/WH, WH/GN, GN/WH, WH/RD, RD/WH, GN/YE, WH/OG, OG/WH, ITC-ER/PLTC-ER, DIR BUR, Extremelife-60 (black)
- **101-489** = 9x18 AWG, WH/BK, BK/WH, WH/GN, GN/WH, WH/RD, RD/WH, GN/YE, WH/OG, OG/WH, ITC-ER/PLTC-ER, DIR BUR, PVC (black)
- **101A-417** = 9x18 AWG, WH/BK, BK/WH, WH/GN, GN/WH, WH/RD, RD/WH, GN/YE, WH/OG, OG/WH, ITC/PLTC, Armor, PVC (black)
- **190-1484XL** = 16x22 AWG-1x18 AWG, WH/BK, BK/WH, WH/GN, GN/WH, WH/RD, RD/WH, WH/OG, OG/WH, WH/BU, GN/YE BU/WH, WH/BN, BN/WH, WH/YE, YE/WH, WH/VT, VT/WH, ITC-ER/PLTC-ER, DIR BUR, Extremelife-60 (black)

Minifast Receptacle with Leads Part Number, 2-Wire Analog or HART Control Circuits

P - R K F V 40 EX - 0.5 - /14.5/NPT

P= Process Receptacle

7/8", 1" &1 1/8" Minifast Receptacle

Gender
- **K** = female connector
- **S** = male connector

Designator for Receptacle

Housing Material
- **(blank)** = nickel plated brass
- **V** = stainless steel

Number of Wires/AWG
- **40** = 3
- **40D** = 4
- **66** = 5
- **66D** = 6
- **101** = 10
- **190** = 18

Receptacle Type
- **(blank)** = nonincendive
- **EX** = explosion-proof feedthru

Length in Meters

Thread Type
- **(blank)** = 1/2-14NPSM
- **/14.5/NPT** = 1/2-14 NPT Threads
- **/14.75/NPT** = 3/4-14 NPT Threads
- **/M20** = M20 x 1.5 Threads

M12 Process Automation

M12 Eurofast Cordset Part Number Key, 2-Wire Analog or HART Control Circuits

P - R K G V | 4 T -330 - 2 - RSGV 4T

P = Process Cordset

Eurofast
R = straight
W = right angle

Gender
K = female connector
S = male connector

Plug Body Style
E = large plug body, right angle
G = large, robust plug body
A = armored plug body

Coupling Nut Options
(blank) = nickel plated brass
V = 316 stainless steel

T = T barb fitting
A = armored cable

Cable Series
4T-162 = 3x18AWG, BU, BN, GN/YE, ITC-ER/PLTC-ER, Direct Burial, PVC (plum)
4T-330 = 3x18AWG, BU, BN, GN/YE, ITC-ER/PLTC-ER, Direct Burial, PVC (black)
4T-335 = 3x18AWG, BU, BN, GN/YE, ITC-ER/PLTC-ER, Direct Burial, PVC (blue)
4A-947 = 3x18AWG, BU, BN, GN/YE, ITC-ER/PLT-CER, Direct Burial, Armor, PVC (plum)
4T-1188XL = 3x18AWG, BU, BN, GN/YE, ITC-ER/PLTC-ER, Extremelife 60 (black)

Length in Meters

Insertion Point of Extension Cable and 2nd Prefix*
* Female connector listed 1st, male connector 2nd
Example: **P-RKGV 4T-330-2-RSGV 4T**

M12 Eurofast Receptacle with Leads Part Number Key, 2-Wire Analog or HART Control Circuits

P - F K V | 4 - 0.5 - /14.5/NPT

P = Process Receptacle

Designator for Receptacle

Gender
K = female connector
S = male connector

Housing Style
(blank) = front mount
P = back panel mount

Housing Material
(blank) = nickel plated brass
V = 316 stainless steel

Number of Wires
4 = 3
4D = 4

Length in Meters

Thread Type
/14.5/NPT = 1/2-14NPT threads
/14.75/NPT = 3/4-14NPT threads
/M20 = M20x1.5 threads

A-Size 7/8" Powerfast Process Automation

A-Size 7/8" Powerfast Cordset Part Number Key

P-PWR- | R | K | M | | 34 | - | *M

Process Powerfast

A-Size 7/8" Powerfast Cordset
R = straight
W = right angle

Gender
K = female connector, female threads
S = male connector, male threads

Coupling Nut Material
M = nickel plated brass
V = 316 stainless steel (hex)

Number of Wires / AWG / Color Codes
34-1671 = 3x14 AWG GN/YE, BK, WH, TC-ER/STOOW TPE black
34-1198 = 3x14 AWG GN/YE, BK, WH, TC-ER PVC black
44-1672 = 3x14 AWG BK, WH, RD, GN/YE, TC-ER/STOOW TPE black
44-1750 = 3x14 AWG BK, WH, RD, GN/YE, TC-ER PVC black

Length in Meters

Insertion point of Extention Cable 2nd Prefix*
- Male connector listed 1st, female connector 2nd
  Example: **P-PWR-RSM RKM 34-1671-3M**

A-Size 7/8" Powerfast Receptacle Part Number Key

P-PWR- | R | K | F | V | 34 | - | *M | /14.5/NPT

Process Powerfast

A-Size 7/8" Powerfast Receptacle

Gender
K = female connector, female threads
S = male connector, male threads

Designator for Receptacle

Housing Material
(blank) = nickel plated brass
V = 316 stainless steel

Number of Wires / AWG / Color Code
34 = 3x14 AWG GN/YE, BK, WH
44 = 4x14 AWG BK, WH, RD, GN/YE

Length in Meters

Connection Thread
/14.5/NPT = 1/2-14 NPT threads
/14.75/NPT = 3/4-14 NPT threads
/M20 = M20x1.5 threads

D-Size 1 3/8" Powerfast Process Automation

D-Size 1 3/8" Powerfast Cordset Part Number Key

P-PWR-	G	S	D		M		30	-	*M

Process Powerfast

D-Size 1 3/8" Powerfast Cordset

Gender
K = female connector, female threads
S = male connector, male threads

D-Size Power

Configuration
(blank) = straight
W = right angle

Coupling Nut Material
A = anodized aluminum
M = nickel plated brass
V = 316 stainless steel (hex)

Length in Meters

Number of Wires / AWG / Color Codes
30-1667 = 3x10 AWG, BK, GN/YE, WH, TC-ER STOOW TPE Black
30-1742 = 3x10 AWG, BK, GN/YE, WH, TC-ER PVC Black
32-1669 = 3x12 AWG, BK, GN/YE, WH, TC-ER STOOW TPE Black
32-1851 = 3x12 AWG, BK, GN/YE, WH, TC-ER PVC Black
34-1671 = 3x14 AWG, BK, GN/YE, WH, TC-ER STOOW TPE Black
34-1198 = 3x14 AWG, BK, GN/YE, WH, TC-ER TPE Black
40-1666 = 4x10 AWG, BK, GN/YE, RD, WH, TC-ER STOOW TPE Black
40-1743 = 4x10 AWG, BK, GN/YE, RD, WH, TC-ER PVC Black
42-1668 = 4x12 AWG, BK, GN/YE, RD, WH, TC-ER STOOW TPE Black
42-1850 = 4x12 AWG, BK, GN/YE, RD, WH, TC-ER PVC Black
44-1672 = 4x14 AWG, BK, GN/YE, RD, WH, TC-ER STOOW TPE Black
44-1193 = 4x14 AWG, BK, GN/YE, RD, WH, TC-ER PVC Black

Insertion point of Extention Cable 2nd Prefix*
- Male connector listed 1st, female connector 2nd

Example: **P-PWR-GSDM GKDM 30-1667-2M**

D-Size 1 3/8" Powerfast Receptacle Part Number Key

P-PWR-	G	S	D	F	V		30	EX	-	*M	/14.5/NPT

Process Powerfast

D-Size 1 3/8" Powerfast Receptacle

Gender
K = female connector, female threads
S = male connector, male threads

D-Size Power

Designator for Receptacle

Housing Material
(blank) = nickel plated brass
A = anodized aluminum
V = 316 stainless steel

Connection Thread
/14.5/NPT = 1/2-14 NPT threads
/14.75/NPT = 3/4-14 NPT threads
/M20 =/M20x1.5 threads

Length in Meters

Explosion Proof
(blank) = standard
EX = Explosion proof feed-thru receptacle

Number of Wires / AWG / Color Code
30 = 3x10 AWG BK, GN/YE, WH
32 = 3x12 AWG BK, GN/YE, WH
34 = 3x14 AWG BK, GN/YE, WH
40 = 4x10 AWG BK, GN/YE, RD, WH
42 = 4x12 AWG BK, GN/YE, RD, WH
44 = 4x14 AWG BK, GN/YE, RD, WH

Valve

Valve Cordset Part Number Key

V A S 22 - F 653 - *M /S..

DIN 43650 Valve Cordset
T = cable exit on ground side
V = cable exit opposite ground side
H = cable exit opposite ground side on top of plug

Housing Style
A = Type "A" 18 mm contact spacing
B = Type "B" 10 mm contact spacing
I = Type "I" 11 mm contact spacing
C8 = Type "C" 8 mm contact spacing
C9 = Type "C" 9.4 mm contact spacing

Housing Color
G = translucent grey
S = translucent black
Y = translucent yellow
(blank) = clear

Pinout
2 = 2 conductors, 1 ground
21 = 2 conductors, ground not connected
22 = 2 conductors, 1 ground, ground contacts parallel wired
3 = 3 conductors, 1 ground
4 = 3 conductors, 1 ground, additional wire for dual

Varieties
/S .. = consult factory, special
/S810 = Longer mounting screw

Insertion point of Extention Cable 2nd Prefix*
*Valve connector listed 1st, other connector 2nd
Example: **VAS 22 - F653 - 1M - RS 5.3T**

Connection Type, Length in Meters
FS 5.3 = integrated M12 Eurofast connector
V1131 = integrated M8 Picofast connector

Number of Wires / AWG / Color Codes
W = field wireable connector
544 = 4x18 AWG BN, WH, BK, BU
587 = 3x24 AWG BN, BK, BU
580 = 4x18 AWG BN, WH, BK, BU
642 = 3x24 AWG BN, BK, BU
653 = 3x18 AWG BK, BK, GN/YE
654 = 3x18 AWG BN, BK, BU
658 = 3 x18 AWG RD/WH, RD/BK, GE
669 = 3x18 AWG BK, BK, GN/YE
580 = 4x18 AWG BN, WH, BK, BU
003 = 2x20 AWG BN, BU
642 = 3x24 AWG BN, BK, BU
957 = 3x18 AWG RD/WH, RD/BK, GN/YE
653 = 3x18 AWG BK, BK, GN/YE

Wiring
A = straight through 0-220VAC/DC
B = yellow LED 24-48VAC/DC
C = yellow LED 110-220VAC/DC
D = yellow LED/MOV 24-48VAC/DC
E = yellow LED/MOV 110-220 VAC/DC
F = yellow LED/Diode 24-48 VDC
L = yellow LED 24 VAC/DC
M = yellow LED 48 VAC/DC
N = yellow LED 110 VAC/DC
P = yellow LED/MOV 24 VAC/DC
K = two color LED for change over to switch 24 VDC
red = switch open position
green = switch closed position

Deutsch

Deutsch Cordset Part Number Key

DT	06	-		S		-	XXXX	-	*M

Series Prefix

Gender
04 = male
06 = female

Number of Contacts

2	**6**
3	**8**
4	**12**

Contact Hype
P = pins
S = sockets

Keyway Position
(blank) = not applicable
A
B
C
D

4 Digit Cable Identifier

Length in Meters

Insertion Point of Extension Table
Example: DT06-2S-2125-2M-DT04-2P

A-Size 7/8" Powerfast

A-Size 7/8" Powerfast Cordset Part Number Key

R	K	M	34		-	*M	/S..

A-Size 7/8" Powerfast Cordset
R = straight
W = right angle

Gender
K = female connector, female threads
S = male connector, male threads
Y = male connector, female threads

Coupling Nut Material / Shielding
(blank) = nylon
M = nickel plated brass
V = 316 stainless steel (hex)

Insertion point of Extention Cable 2nd Prefix*
- Male connector listed 1st, female connector 2nd
  Example: RSM RKM 44-2M

Number of Wires / AWG / Color Codes
34 = 3x14 AWG GN/YE, BK, WH
44 = 4x14 AWG BK, WH, RD, GN/YE

Keyway
(blank) = standard
P = alternate

Length in Meters

Varieties
(blank) = TC-ER STOOW PVC cable jacket
/S4000 = TC-ER cable jacket
/S.. = consult factory, special
/CS.. = consult factory, special

A-Size 7/8" Powerfast Receptacle Part Number Key

R	K	F	V	34		-	*M	/NPT	/S..

A-Size 7/8" Powerfast Receptacle

Gender
K = female connector, female threads
S = male connector, male threads
X = female connector, male threads

Designator for Receptacle

Housing Material
(blank) = nickel plated brass
K = nylon
V = 316 stainless steel

Number of Wires / AWG / Color Code
34 = 3x14 AWG GN/YE, BK, WH
44 = 4x14 AWG BK, WH, RD, GN/YE

Keyway
(blank) = standard
P = alternate

Length in Meters

Connection Thread
/14/75/NPT = 3/4-14 NPT threads
/NPT = ½-14 NPT threads
/M20 =/M20x1.5 threads

Varieties
/S = consult factory, special
/CS = consult factory, special
W/LN = with locknut

C-Size Powerfast

C-Size Powerfast Cordset Part Number Key

R	K	M	C			42	-	*M	/S...

Connector Geometry
R = straight
W = right angle

Gender
K = female
S = male

Coupling Nut Material
M = nickel plated brass
V = stainless steel

C-Size 1 1/8" Powerfast Cordset

Shielding
(blank) = no shield to coupling nut
S = shielded to coupling nut

Insertion Point of Extension Cable Second Prefix*
*Male connector listed first, female connector second
Example: **RSMC RKMC 42-2M/S4000**

Varieties
/S.. = consult factory, special
/CS.. = consult factory, special
/VFD = VFD compatible
/S4000 = TC-ER without STOOW approval

Length in Meters

Number of Wires/AWG
42 = 4x12 AWG

C-Size Powerfast Receptacle Part Number Key

R	S	F		C	42	-	*M	/14.5/NPT	/S...

1 1/8" Powerfast Receptacle

Gender
K = female
S = male

C-Size 1 1/8" Powerfast Receptacle

Housing Material
(blank) = nickel plated brass
V = stainless steel

C-Size 1 1/8" Powerfast Receptacle

Varieties
/S.. = consult factory, special
/CS.. = consult factory, special

Thread Type
/14.5/NPT = 1/2-14 NPT Threads
/14.75/NPT = 3/4-14 NPT Threads
/M20 = M20 x 1.5 Threads

Length in Meters

Number of Wires/AWG
42 = 4x12 AWG

D-Size Powerfast

D-Size 1 3/8" Powerfast Cordset

G	S	D		M	30	-	*M	

D-Size 1 3/8" Powerfast Cordset

Gender
K = female connector, female threads
S = male connector, male threads

D-Size Power

Configuration
(blank) = straight
W = right angle

Coupling Nut Material
A = anodized aluminum
M = nickel plated brass
V = 316 stainless steel

Varieties
(blank) = TC-ER STOOW TPE cable jacket
/S4000 = TC-ER PVC cable jacket

Length in Meters

Number of Wires/AWG
30 = 3x10 AWG BK, GN/YE, WH
32 = 3x12 AWG BK, GN/YE, WH
34 = 3x14 AWG BK, GN/YE, WH
40 = 4x10 AWG BK, GN/YE, RD, WH
42 = 4x12 AWG BK, GN/YE, RD, WH
44 = 4x14 AWG BK, GN/YE, RD, WH

Insertion Point of Extension Cable Second Prefix*
*Male connector listed first, female connector second
Example: **GSDM GKDM 40-2M**

D-Size 1 3/8" Powerfast Receptacle Part Number Key

G	K	D	F		30	-	*M	/14.5/NPT

D-Size1 3/8" Powerfast Receptacle

Gender
K = female
S = male

D-Size Power

Designator for Receptacle

Housing Material
(blank) = nickel plated brass
A = anodized aluminum
V = stainless steel

Thread Type
/14.5/NPT = 1/2-14 NPT Threads
/14.75/NPT = 3/4-14 NPT Threads
/M20 = M20 x 1.5 Threads

Length in Meters

Number of Wires/AWG
30 = 3x10 AWG BK, GN/YE, WH
32 = 3x12 AWG BK, GN/YE, WH
34 = 3x14 AWG BK, GN/YE, WH
40 = 4x10 AWG BK, GN/YE, RD, WH
42 = 4x12 AWG BK, GN/YE, RD, WH
44 = 4x14 AWG BK, GN/YE, RD, WH

D-Size 1 3/8" Powerfast Tee Part Number Key

G	S	D	M	/	2GKDM	30	-	*	-	/S..

D-Size 1 3/8" Powerfast Tees

Trunk(1) Identifier
K = female connector, female threads
S = male connector, male threads

Coupling Nut Material
A = anodized aluminum
M = nickel plated brass
V = 316 stainless steel

D-Size 1 3/8" Powerfast Tees

Trunk(2) and Drop(3) Identifiers
2GKDM = female trunk(2) and female drop(3)
GDSM/GKDM = male trunk(2) and female drop(3)
GKDM/T = female trunk(2) and cable drop(3)
GKDM/RKM = female trunk(2) and female A-Size Power drop(3)
GKDM/BKM = female trunk(2) and female M16 Power drop(3)

Varieties
/S = consult factory, special
/CS = consult factory, special
/S4000 = TC-ER PVC cable jacket

Length in Meters

Number of Wires/AWG
30 = 3x10 AWG BK, GN/YE, WH
32 = 3x12 AWG BK, GN/ YE, WH
34 = 3x14 AWG BK, GN/YE, WH
40 = 4x10 AWG BK, GN/YE, RD, WH
42 = 4x12 AWG BK, GN/YE, RD, WH
44 = 4x14 AWG BK, GN/YE, RD, WH

Note: Only one male connector per tee availale. Standard female coupling nut material for A-Size Power drop and M16 Power drop is nickel plated brass.

M12 Powerfast

M12 Power Cordset Part Number Key

R	K	P		46	P	L	-	*	-	/S..

Connector Geometry
R = straight
W = right angle

Gender
K = female
S = male

Plug Body Style
P = extra large M12 Power plug body

Coupling Nut Material
(blank) = nickel plated brass
V = stainless steel

Number of wires/AWG
46 = 4x16 AWG
56 = 5x16 AWG

M12 Powerfast Designation

Connector Coding
L = L-Coded
T = T-Coded
S = S-Coded

Length in Meters

Insertion Point of Extension Cable Second Prefix*
*** Female connector listed first, male connector second**
Example: RKP46PL-2-RSP46PL

Varieties
/S = consult factory, special
/CS.. = consult factory, special

M12 Power Receptacles Part Number Key

F	K			46	P	T	-	*	/M16	/S..

M12 Powerfast Receptacle

Gender
K = female
S = male

Housing Style
(blank) = front mount
FD = rear mount

Housing Material
(blank) = nickel plated brass
V = stainless steel

Number of wires/AWG
46 = 4x16 AWG
56 = 5x16 AWG

M12 Powerfast Designation

Connector Coding
L = L-Coded
T = T-Coded
S= S-Coded

Connector Type/Length in Meters
P = PCB pins

Threaded Type
/M16 = M16 x 1.5 threads
/14.5/NPT = 1/2-14 NPT Threads

Varieties
/S = consult factory, special
/CS.. = consult factory, special

M12 Power Field Wireable Part Number Key

R	S		46	P	T	-	S	-	0

Connector Geometry
R = straight
W = right angle

Gender
K = female
S = male

Body Style
(blank) = plastic

Number of wires/AWG
46 = 4x16 AWG
56 = 5x16 AWG

M12 Powerfast Designation

Connector Coding
L = L-Coded
T = T-Coded
S = S-Coded

Termination Style
S = screw terminal

Cable Option
0 = accepts 8-10mm cable diameter

M12 Powerfast Tee Part Number Key

R	S	P	/	2RKP	46	P	T

Configuration
R = straight

Trunk Identifier
K = female
S = male

Plug Body Style
P = extra large M12 Power plug body

Trunk and Drop Identifiers
2RKP = female trunk and female drop

Number of Pins/AWG
46 = 4x16 AWG
56 = 5x16 AWG

M12 Powerfast Designation

Connector Coding
L = L-Coded
T = T-Coded
S = S-Coded

M12 Powerfast H/h Style Tee Part Number Key

BH	-	R	K	P	/	RSP/2RKP	46	P	T

H/h
BH = big H
SH = small h

Configuration
R = straight

Trunk Identifier
K = female
S = male

Plug Body Style
P = extra large M12 Power plug body

Trunk and Drop Identifiers
RSP/2RKP = male trunk and female drops
RSP/RKP = male trunk and female drop

Number of wires/AWG
46 = 4x16 AWG
56 = 5x16 AWG

M12 Powerfast Designation

Connector Coding
L = L-Coded
T = T-Coded
S = S-Coded

M16 Powerfast

M16 Powerfast Cordset Part Number Key

B | S | M | | | 34-198 | - | * | /S..

M16 (16 mm) *Powerfast* Cordset

Gender
- **K** = female connector
- **S** = male connector

Configuration
- **M** = straight
- **WM** = right angle

Shielding
- **(blank)** = not shielded to coupling nut
- **S** = shielded to coupling nut

Coupling Nut Material
- **(blank)** = nickel plated brass
- **K** = nylon
- **V** = 316 stainless steel
- **S** = shielded

Varieties
- **/S** = consult factory, special
- **/CS** = consult factory, special
- **/VFD** = VFD compatible

Length in Meters

Number of Wires / AWG / Color Code

22-380	= 2x12 AWG	WH, BK
34-198	= 3x14 AWG	WH, GN/YE, BK
44-193	= 4x14 AWG	WH, GN/YE, BK, RD
22-1759	= 2x12 AWG	WH, BK (shielded)
34-1364	= 3x14 AWG	WH, GN/YE, BK (shielded)
44-1363	= 4x14 AWG	WH, GN/YE, BK, RD (shielded)
44-2188	= 4x14 AWG	WH, GN/YE, BK, RD (shielded, VFD)

Insertion point of Extension Cable and 2nd Prefix*
- Male connector listed 1st, female connector 2nd
  Example: **BSM BKM 34-198-***

M16 Powerfast Tee Part Number Key

B | S | M | | - | 2BKM | 34 | - | 198 | - | * | - | /S..

M16 (16 mm) Powerfast

Trunk (1) Identifier
- **K** = female receptacle
- **S** = male receptacle

Configuration
- **M** = straight

Coupling Nut Material
- **(blank)** = nickel plated brass
- **K** = nylon
- **V** = 316 stainless steel

Trunk (2) and Drop (3) Identifiers
- **2BKM** = female trunk(2) and female drop(3)
- **BSM/BKM** = male trunk(2) and female drop(3)
- **BKM/T** = female trunk(2) and cable drop(3)

Varieties
- **/S** = consult factory, special
- **/CS** = consult factory, special

Length in Meters
- **(blank)** = connector only
- * = drop cable
- */*/* = trunk(1) cable / trunk(2) cable / drop(3) cable

AWG / Color Code

(blank)	= connector only	
380	= 2x14 AWG	WH, BK
198	= 3x14 AWG	WH, GN/YE, BK, RD
193	= 4x14 AWG	WH, GN/YE, BK, RD

Number of Pins
- **22** = 2
- **34** = 3
- **44** = 4

M16 Powerfast Receptacle Part Number Key

B | K | F | | | 22 | - | * | /14.5/NPT

M16 (16 mm) Powerfast Receptacle

Gender
- **K** = female contact holder, female threads
- **S** = male contact holder, female threads

Designator for Receptacle

Housing Style
- **(blank)** = front mount
- **D** = rear mount

Housing Material
- **(blank)** = nickel plated brass
- **V** = 316 stainless steel

Thread Type
- **/14.5/NPT** = 1/2-14NPT threads
- **/M20** = M20 threads
- **/M18** = M18 threads

Length in Meters

Number of Wires / AWG / Color Code

22	= 2x12 AWG	WH, BK
34	= 3x14 AWG	WH, GN/YE, BK
44	= 4x14 AWG	WH, GN/YE, BK, RD

M16 Powerfast H/h Style Tee Part Number Key

BH | - | B | S | M | | / | 2BKM | 34 | - | 198 | - | * | - | /S..

H/h Style
- **BH** = big H
- **SH** = small h

M16 (16 mm) Powerfast

Trunk (1) Identifier
- **K** = female connector
- **S** = male connector

Configuration
- **M** = straight

Coupling Nut Material
- **(blank)** = nickel plated brass
- **K** = nylon
- **V** = 316 stainless steel

Trunk (2) and Drop (3&4) Identifiers
- **2BKM** = female trunk(2) and female drop(3) (h)
- **BSM/BKM** = male trunk(2) and female drop(3) (h)
- **BKM/T** = female trunk(2) and cable drop (3) (h)
- **3BKM** = female trunk(2) and female drops(3&4) (H)
- **BSM/2BKM** = male trunk(2) and female drops(3&4) (H)

Varieties
- /S .. = consult factory, special
- /CS .. = consult factory, special

Length in Meters
- **(blank)** = connector only
- * = drop cable
- */*/* = trunk(1) cable / trunk(2) cable / drop(3) cable
- */*/*/* = trunk(1) cable / trunk(2) cable / drop(3) cable / drop(4) cable

AWG / Color Code

(blank)	= connector only	
380	= 2x12 AWG,	WH, BK
198	= 3x14 AWG,	WH, GN/YE, BK
193	= 4x14 AWG,	WH, GN/YE, BK, RD

Number of Pins
- **22** = 2
- **34** = 3
- **44** = 4

M23 Powerfast

M23 Powerfast Cordset Part Number Key

C K M [ ] 64-078 - * /S..

M (23 mm) Powerfast Receptacle

Gender
- **K** = female contact holder, female threads
- **S** = male contact holder, female threads
- **SS** = male contact holder, male threads

Configuration
- **M** = straight
- **WM** = right angle
- **(blank)** = straight assembled connector

Coupling Nut Material / Shielding
- **(blank)** = nickel plated brass
- **V** = stainless steel
- **S** = shielded

Varieties
- **(blank)** = PVC jacket
- **/S90** = PUR jacket

Length in Meters

Number of Wires / AWG / Color Code

64-078	= 6x14 AWG	WH, RD, GN/YE, OG, BK, BU
74-079	= 7x14 AWG	WH/BK, BK, WH, RD, OG, BU, GN/YE
94-080	= 3x14 & 6X18 AWG	RD, WH, WH/BK, BU, OG, BK, GN/BK, GN/YE, RD/BK
622-059	= 6x12 AWG	BU, RD, GN/YE, BN, OG, YE
822-287	= 4x12 & 4X18 AWG	BU, GN/YE, WH, BK, OG, RD, WH/BK, RD/BK
622-286	= 6x12 AWG	BU, RD, GN/YE, BN, OG, YE
822-288	= 4x12 & 4X18 AWG	BU, GN/YE, WH, BK, OG, RD, WH/BK, RD/BK

Insertion point of Extention Cable and 2nd Prefix*
- Male connector listed 1st, female connector 2nd
  Example: CSM CKM 64-078-1

M23 Powerfast Receptacle Number Key

C K F [ ] [ ] 64-6 - *

M (23 mm) Powerfast Receptacle

Gender
- **K** = female contact holder, male threads
- **S** = male contact holder, male threads

Designator for Receptacle

Mounting Style
- **(blank)** = front mount
- **D** = rear mount
- **F** = flange
- **MF** = flange, rotating coupling nut
- **L** = front mount, long threads

Length in Meters

Number of Wires / AWG / Color Code

64-6	= 6x14 AWG	WH, RD, GN/YE, OG, BK, BU
74-7	= 7x14 AWG	WH/BK, BK, WH, RD, OG, BU, GN/YE
94-9	= 3x14 & 6X18 AWG	RD, WH, WH/BK, BU, OG, BK, GN/BK, GN/YE, RD/BK
622-6	= 6x12 AWG	BU, RD, GN/YE, BN, OG, YE
822-8	= 4x12 & 4X18 AWG	BU, GN/YE, WH, BK, OG, RD, WH/BK, RD/BK

Housing Material
- **(blank)** = nickel plated brass
- **V** = stainless steel

M40 Powerfast

M40 Powerfast Cordset Part Number Key

H S M | 4 8 0 0 - 1279 - * | /S..

M40 Powerfast Cordset

Gender
K = female connector, female threads
S = male connector, male threads

(blank) = Assembled connector
M = Molded connector

Insertion Point for 2nd Connector*
- Male connector listed 1st, female connector 2nd
  Example: HSM HKM 4800-1279-5

Number of Power Wires
4 = 4 wires connected to power pins

Gauge of Power Wires
8 = 8 AWG wire to power pins
0 = 10 AWG wire to power pins
2 = 12 AWG wire to power pins

Number of Control Wires
0 = No connection to control pins
2 = 2 controls pins connected

Gauge of Control Wires
0 = No connection or 20 AWG wire to control wins
4 = 14 AWG wire to control pins

Color Code / Cable Type
1279 = WH, BK, RD, GN/YE, TC-ER TPE Black
1884 = BK"V", BK"U", BK"W", BU/YE"+", BU/YE"-", GN/YE, TC-ER/STOOW, PVC Black
1963 = BK"V", BK"U", BK"W", BU/YE"+", BU/YE"-", GN/YE, TC-ER/STOOW, TPE Black
2072 = BK"V", BK"U", BK"W", BU/YE"+", BU/YE"-", GN/YE, TC-ER/STOOW, PVC Black

Length in Meters

Varieties
/S... = consult factory
/CS... = consult factory

M40 Powerfast Receptacle Part Number Key

H S F F | 4 8 0 0 - * | /S..

M40 Powerfast Receptacle

Gender
K = female connector, female threads
S = male connector, male threads

Designator for Receptacle

Mounting Style
F = flange
MF = flange, rotating coupling nut

Number of Power Wires
4 = 4 wires connected to power pins

Guage of Power Wires
8 = 8 AWG wire to power pins
0 = 10 AWG wire to power pins
2 = 12 AWG wire to power pins

Number of Control Wires
0 = no connection to control pins
2 = 2 controls pins connected

Gauge of Control Wires
0 = no connection or 20 AWG wire to control wins
4 = 14 AWG wire to control pins

Length in Meters

Varieties
/S... = consult factory
/CS... = consult factory

Common Product Modification Numbers (S#, C#, & CS#)

Conductor Guage Modifications

S/CS#	Description	Products Specific To
S1505	26 AWG Conductors	
S1658	16 AWG Conductors	
S613	18 AWG Conductors	
S627	20 AWG Conductors	
S830	24 AWG Conductors	
S849	22 AWG Conductors	

Label and Packaging Modifications

S/CS#	Description	Products Specific To
S1579	No flag label, no wrap label, bag label only	
S3004	Bulk packed, no flag/wrap label, no individual bag.	
S3025	Flag label rather than wrap label	
S862	No Flag or bag label. Bulk packed and label on box only	
SV	Special Packaging for vending machine	
S1307	Special Wiring. Crossed pins 1 & 3, and 2 & 4.	4 Pole M8 Cordsets
S1569	Series wired for NPN Signals	M12 Splitters
S3063	Special Wiring. All Numbered Black wires with Green/Yellow ground wire.	A-Size, C-Size, D-Size, & M16 Powerfast Products
S3254	Cognex Dataman Scanner Power Cable. Uses Special Wiring.	M12 12 pole Cordset
S621	18 AWG numbered gray wires	M12 Receptacles
S626	Special Wiring to mate to microswitch prox (Crosses to Brad Harris)	M12 Cordsets
S651	Parallel Wiring	Splitters, Junction Boxes, Tees, and Conduit Adaptors
S653	Special Wiring. Cable with foil shield and drain wire connected to pinout.	
S675	Cross Wired to interface with Banner NPN outputs.	M12 Cordsets
S719	Input is series wired.	Splitters
S727	Gray TPU Cable with Non-Standard Pinout	Microfast Products
S755	Special Wiring. The branch pin #2s are inputs and the branch pin #4s are n/c.	M12 Splitters

Cable Modifications

S/CS#	Description	Products Specific To
S101	Flexlife-20 and C-Track Rated Cable	
S105	Heavy Duty Braided Shield Cable	1/2" Microfast Cordsets
S1050	600 Volt Conductors/Cable	
S1052	Gray Cable Jacket	
S1064	Halogen Free Cable	
S1096	Blue PVC 22AWG Cable with Special Wiring	M8 Cordsets
S1136	Low Smoke Halogen Free (LSHF/LSZH) cable or wires	
S1538	Uses Gray 18AWG PVC Cable with Green/Yellow Conductor on Pin 5	M12 Cordsets
S1554	Black PVC Cable with drain wire and shield, drain wire not connected.	
S1555	Black PVC Cable with Drain Wire and Shield; Drain Wire to be Connected to Pin 8	M12 8 Pole Products
S1587	Weldlife TPE Jacketed Cable	
S1825	Red Cable Jacket	
S1980	Halogen Free Cable with Yellow Jacket	
S3059	Weldlife Cable with TC-ER Rating and CSA FT4 Flame Rating	Minifast Cordsets
S3060	Weldlife Cable with ITC/PLTC rating and CSA FT4 flame rating.	M12 Cordsets
S3236	Orange Cable Jacket	
S3276	TPE Cable Jacket	Powerfast & Minifast Cordsets
S3415	Weldlife Cordset, with Black Overmold and Yellow Aramid Over-Braid Cable	
S4000	TC-ER Cable without STOOW Approval	Any A-Size & D-Size Power products
S529	"Super Cable": Cable construction is TPU over braided shield over PVC	
S600	Heavy Duty Rubber Jacket and Conductor Insulation	
S618	Cordset with Drain Wire and Foil Shield, Drain Wire is not Connected.	
S715	Yellow Cable Jacket	
S717	Receptacle assembled with the Standard Cable from the Mating Cordset	
S760	Black Cable Jacket	
S817	Special Wiring with Yellow 18AWG Shielded Cable for Cordsets	Minifast and M23 Products
S90	TPU (thermoplastic polyurethane) Cable Jacket	
S90-SP	TPU (thermoplastic polyurethane) Spiral Cable	

Common Product Modification Numbers (S#, C#, & CS#)

Wiring Modifications

S/CS#	Description	Products Specific To
C1117	Receptacle has 4 Wires	Receptacles with (RKF, RSF, FK, FS) Base and (48) FF or (49) PA Wiring
C1184	Non-standard pinout, reverse-key, and shield tied to coupling nut	Cordsets using DeviceNet cables (RSSW, RKSW)
C1290	Special Wiring. Drain Wire connected to pin 5.	M12 Fieldbus Products
CS10288	18AWG Yellow PVC Cable Special Wiring: Green/Yellow Conductor on Pin 5.	M12 Cordsets
S1294	Special Wiring. USA, 3 Phase, AC Low Voltage Color Code.	4 Pole Powerfast Receptacles
S1307	Special Wiring. Crossed pins 1 & 3, and 2 & 4.	4 Pole M8 Cordsets
S1569	Series wired for NPN Signals	M12 Splitters
S3063	Special Wiring. All Numbered Black wires with Green/Yellow ground wire.	A-Size, C-Size, D-Size, & M16 Powerfast Products
S3254	Cognex Dataman Scanner Power Cable. Uses Special Wiring.	M12 12 pole Cordset
S621	18 AWG numbered gray wires	M12 Receptacles
S626	Special Wiring to mate to microswitch prox (Crosses to Brad Harris)	M12 Cordsets
S651	Parallel Wiring	Splitters, Junction Boxes, Tees, and Conduit Adaptors
S653	Special Wiring. Cable with foil shield and drain wire connected to pinout.	
S675	Cross Wired to interface with Banner NPN outputs.	M12 Cordsets
S719	Input is series wired.	Splitters
S727	Gray TPU Cable with Non-Standard Pinout	Microfast Products
S755	Special Wiring. The branch pin #2s are inputs and the branch pin #4s are n/c.	M12 Splitters

Plug Body Modifications

S/CS#	Description	Products Specific To
CS10455	PVC plug body or housing. Minifast use PVC CTH. If available M12 use nylon CTH.	
S1055	Red Mold Body	
S1057	Gray Mold Body	
S1126	Orange Mold Body	
S3001	Alpine Green Mold Body	
S3034	Yellow Mold Body	
S3102	Red Mold Body and Red Cable. Special Wiring: Green/Yellow Conductor on Pin 5.	
S3369	Black Mold Body and Black Cable Jacket	
S679	Blue-Gray Mold Body	
S732	Gray Cable with Blue-Gray Mold Body	
S771	Black Mold Body	

Other Modifications

S/CS#	Description	Products Specific To
C1195	Performance Testing Using Fluke CableAnalyzer. Test Result Included in Packaging	Ethernet/ProfiNet 2-Pair Extension Cordsets
S1113	Assembled with insulated ferrules.	
S1599	Closure Cap Mated to Connector	
S2000	DT Series Gold Plated Terminals	Deutsch DT Connectors
S810	Longer Mounting Screws.	Valve Plugs
S857	Additional mounting hole	VBR Splitters
S1092	PTFE Coated Coupling Nut	M12 Cordsets
C1123	Female Right Angle Cordset with Keyway Rotated 90° Counter Clockwise	
C1251	Male Right Angle Connector Keyway Rotated 180° from Standard	
S1304	Female Right Angle Cordset with Keyway Rotated 180° from Standard	
S3039	Receptacle with a FPM O-ring	

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