

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

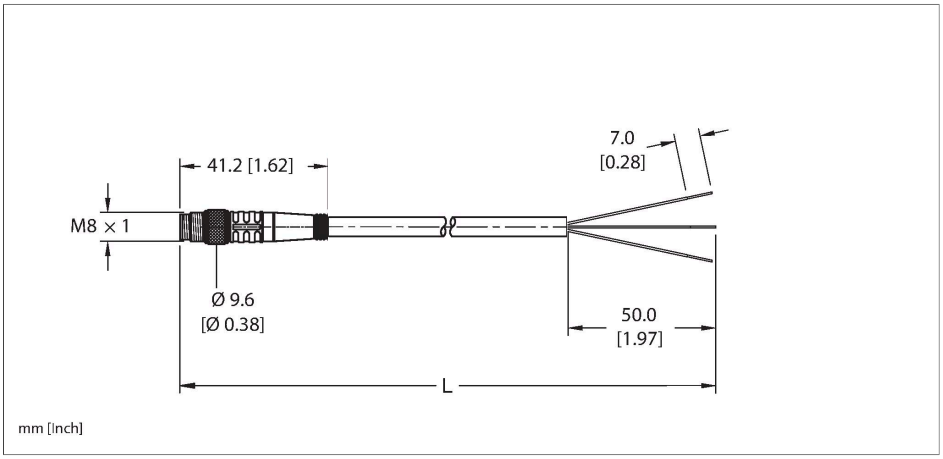
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

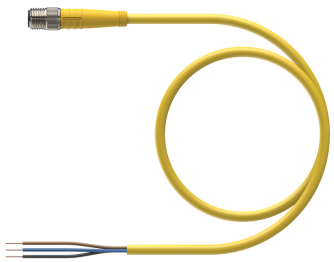
Expert team | Trust guarantee | 100% satisfaction

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Visit our website - *Click HERE*

PSG 3M-x
Actuator and Sensor Cable – Connection Cable





Technische Daten

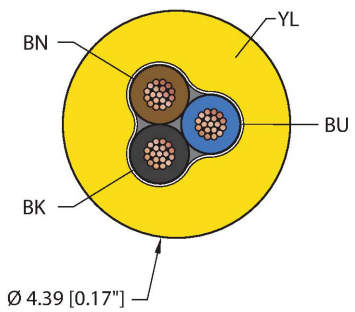
Type	PSG 3M-x
ID	777000852
Connector A	Male, M8 × 1, Straight
Design specification	Acc. to IEC 61076-2-104
Number of contacts	3
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, Nylon or TPU, Black
Connector body	Plastic, TPU, Yellow
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque (range)	0.4 … 0.8 Nm (note max. torque of mating connector!)
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP68
	NEMA: 1, 3, 4, 6P
Cable data	
Cable ID	RF50642
Total number of conductors	3
Cable diameter	Ø 4.39 mm
Cable jacket	PVC, Yellow
Conductor diameter	0.044 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	3 x 24 AWG [Similar to 0.25 mm²]
Number of strands x O.D.	19 x 36 AWG

Features

IP68 DEGREE OF PROTECTION

- M8, Male, Straight, 3-pin
- Threaded Connector
- General Purpose Cable
- Yellow PVC jacket, 3X24 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1
- Flexlife® and C-Track Approved

Cable cross section



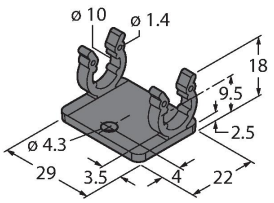
Contact assignment

Technische Daten

Conductor colors	BN, BU, BK
Electrical properties at +20 °C	
Rated voltage	125 VAC/DC
Current	4 A
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 10 x Ø
UL cold bend rating	-40 °C
Flex rating 20 x Ø	10 million cycles
	*When properly installed @ 20°C, 50%RH, and a cycle speed of ≤0.5 cycles per second.
C-Track	Yes
Ambient temperature range (static)	-40…+105 °C
Ambient temperature range (dynamic)	5…+105 °C
Temperature range (installation)	-10…+105 °C
Approval	
Approvals	UL 2238 CSA C22.2 No. 182.3 CE UKCA RoHS
Note	
	- Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated cycle speed, or operating below the rated cable bend radius.
	- We reserve the right to make technical alterations without prior notice.

Montagezubehör

M8-CORDSETS-MOUNTING-CLIP-(10/BAG)	200005995

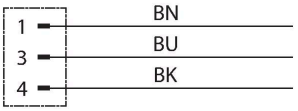


10 Pack of black mounting clips and M4x8mm mounting screws, used to secure cable to cable connection points.

Connector A



Circuit Diagram



PSG 3M-x | 21-02-2025 23-26 | Technische Änderungen vorbehalten

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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