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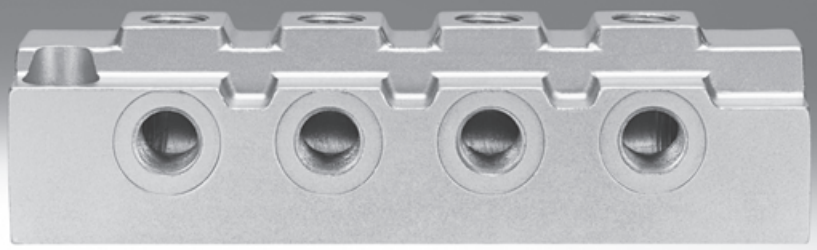
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Find the *Festo FR-12-M5* at our website: ***Click HERE***

Distribution manifolds FR



Distribution manifolds FR

Product range overview

Series	Design	Type	Pneumatic connection		Number of		➔ Page/ Internet
			Supply line	Outlet	Supply lines	Outlets	
Distribution manifold	**With 4 connections**						
		**FR-4**	G1⁄8	G1⁄8	1	3	3
			G1⁄4	G1⁄4			
			G3⁄8	G3⁄8			
			G1⁄2	G1⁄2			
		**FR-4-¼**	G1⁄4	G1⁄4	1	3	3
	With 8 connections						
		**FR-8**	G3⁄8	G1⁄8	2	8	4
			G1⁄2	G1⁄4			
			G3⁄4	G1⁄2			
	With 9 connections						
		**FR-9**	G1⁄8	M3	1	9	5
	With 12 connections						
		**FR-12**	G1⁄8	M5	2	12	5

Operating and environmental conditions						
Type		FR-4	FR-4-¼	FR-8	FR-9	FR-12
Operating pressure	[bar]	0 … 16				
Operating medium		Compressed air according to ISO 8573-1:2010 [7:–:–]				
Note on operating/pilot medium		Lubricated operation possible (in which case lubricated operation will always be required)				
Ambient temperature	[°C]	–10 … +80		–10 … +60	–10 … +80	–10 … +60
Corrosion resistance class CRC[1)]		–	2	–	2	2

1) Corrosion resistance class CRC 2 to Festo standard FN 940070
Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

Distribution manifolds FR

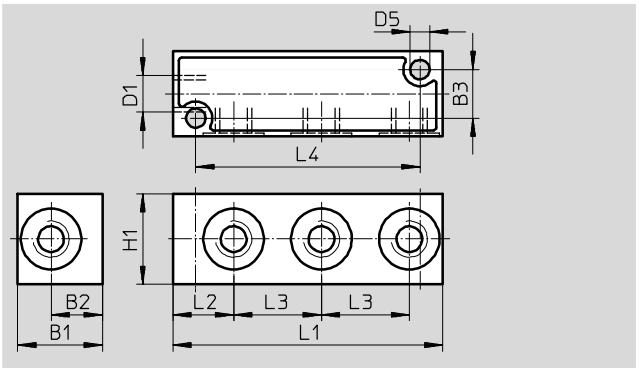
Technical data

Distribution manifold FR-4
No. of supply lines: 1
No. of outlets: 3

Material:
Die-cast aluminium

Note on materials:
RoHS-compliant





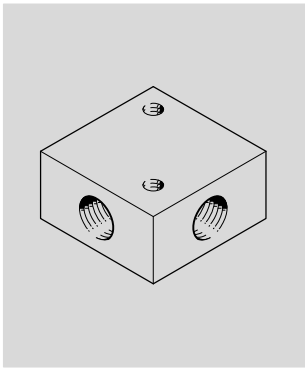
Dimensions										
Type	B1	B2	B3	D1	D5	H1	L1	L2	L3	L4
FR-4-⅛-B	20	11.6	13	G⅛	4.4	17	56	13.5	17	46
FR-4-¼-C	28	17	16	G¼	6.4	30	89	20	29	74
FR-4-⅜-B	32	19	20	G⅜	6.4	26	85	20	26	72
FR-4-½-B	38	22	25	G½	6.4	32	105	25	32	90

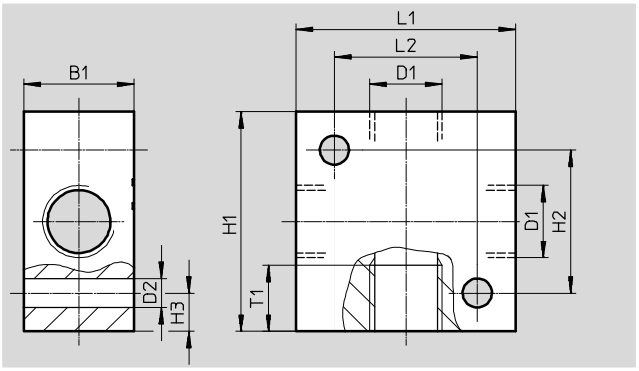
Ordering data					
Pneumatic connection		Nominal size	Weight	Part No.	Type
Female thread 1	Female thread 2	[mm]	[g]		
G⅛	G⅛	8.6	25	**6701**	**FR-4-⅛-B**
G¼	G¼	11.5	60	**7849**	**FR-4-¼-C**
G⅜	G⅜	15	75	**6703**	**FR-4-⅜-B**
G½	G½	18.6	120	**6704**	**FR-4-½-B**

Distribution manifold FR-4-¼
No. of supply lines: 1
No. of outlets: 3

Material:
Anodised aluminium

Note on materials:
RoHS-compliant





Dimensions									
Type	B1	D1	D2 ∅	H1	H2	H3	L1	L2	T1
FR-4-¼	20	G¼	5.3	40	26	7	40	26	12

Ordering data					
Pneumatic connection		Nominal size	Weight	Part No.	Type
Female thread 1	Female thread 2	[mm]	[g]		
G¼	G¼	11.5	68	**2960**	**FR-4-¼**

Distribution manifolds FR

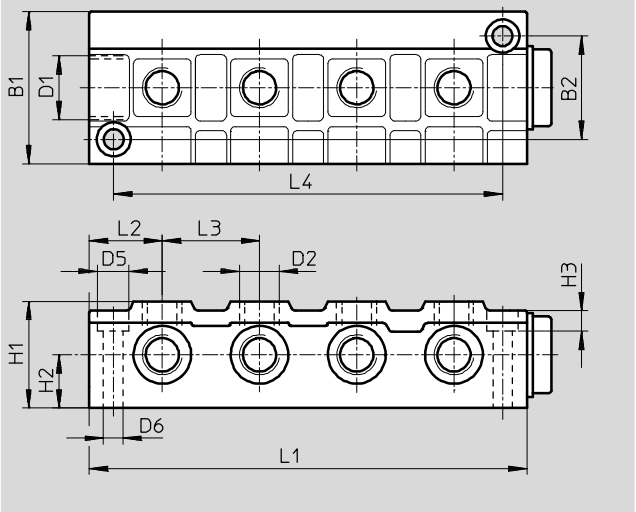
Technical data

Distribution manifold FR-8
No. of supply lines: 2, including one sealed with a blanking plug
No. of outlets: 8

Material:
Die-cast aluminium

Note on materials:
RoHS-compliant





Dimensions													
Type	B1	B2	D1	D2	D5 ∅	D6 ∅	H1	H2	H3	L1	L2	L3	L4
FR-8-⅛	40	26	G⅜	G⅛	11	6.6	30	15	6.8	114	22.5	23	100
FR-8-¼	50	34	G½	G¼	11	6.6	35	17.5	6.8	144	24	32	128
FR-8-½	60	40	G¾	G½	15	9	45	22.5	9	170	31	36	150

Ordering data					
Pneumatic connection		Nominal size	Weight	Part No.	Type
Female thread 1	Female thread 2	[mm]	[g]		
G⅜	G⅛	8.6	135	**2077**	**FR-8-⅛**
G½	G¼	11.5	230	**2078**	**FR-8-¼**
G¾	G½	18.6	1000	**6411**	**FR-8-½**

Distribution manifolds FR

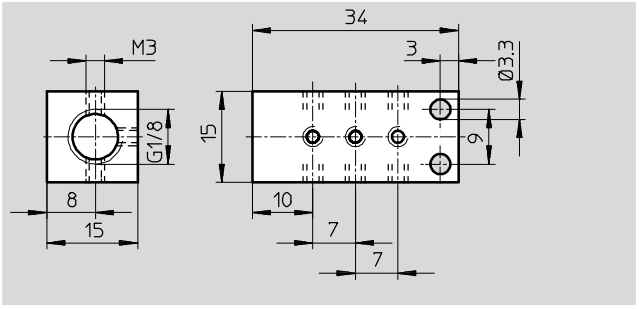
Technical data

Distribution manifold FR-9
No. of supply lines: 1
No. of outlets: 9

Material:
Anodised aluminium

Note on materials:
RoHS-compliant





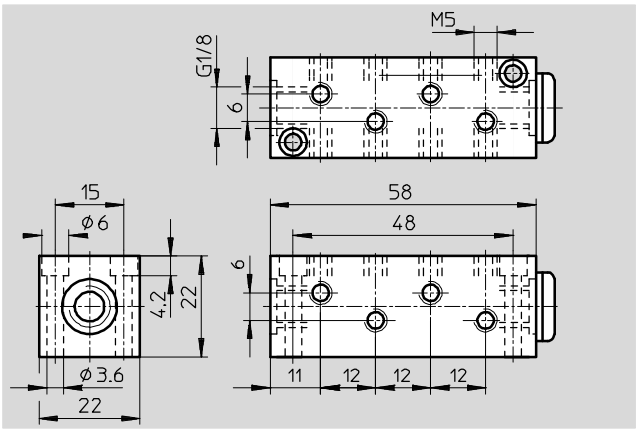
Ordering data					
Pneumatic connection		Nominal size	Weight	Part No.	Type
Female thread 1	Female thread 2	[mm]	[g]		
G⅛	M3	2.5	15	**30981**	**FR-9-M3-B**

Distribution manifold FR-12
No. of supply lines: 2, including one sealed with a blanking plug
No. of outlets: 12

Material:
Anodised aluminium

Note on materials:
RoHS-compliant





Ordering data					
Pneumatic connection		Nominal size	Weight	Part No.	Type
Female thread 1	Female thread 2	[mm]	[g]		
G⅛	M5	4.1	40	**4525**	**FR-12-M5**

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