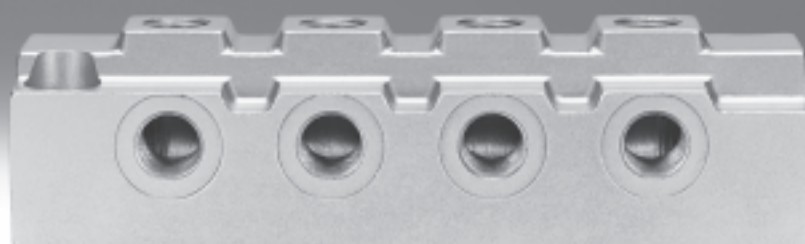


Distribution manifolds FR





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Distribution manifolds FR

Product range overview

FESTO

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			
	With 8 connections						
		FR-8	G3/8	G1/8	2	8	3
			G1/2	G1/4			
			G3/4	G1/2			
	With 9 connections						
		FR-9	G1/8	M3	1	9	4
	With 12 connections						
		FR-12	G1/8	M5	2	12	4

Operating and environmental conditions				
Type	FR-4	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

- 1) Corrosion resistance class 2 according to Festo standard 940 070
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Distribution manifolds FR

FESTO

Technical data

Distribution manifold FR-4

No. of supply lines: 1

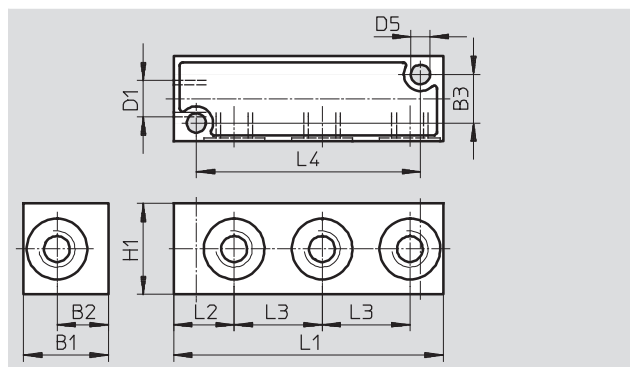
No. of outlets: 3

Material:

Die-cast aluminium

Note on materials:

RoHS-compliant



Dimensions and ordering data															
Connection supply line D1	Nominal size [mm]	Connection outlet D1	B1	B2	B3	D5	H1	L1	L2	L3	L4	Weight [g]	Part No.	Type	PU*
G $\frac{1}{8}$	8.6	G $\frac{1}{8}$	20	11.6	13	4.4	17	56	13.5	17	46	25	6701	FR-4- $\frac{1}{8}$ -B	1
G $\frac{1}{4}$	11.5	G $\frac{1}{4}$	28	17	16	6.4	30	89	20	29	74	60	7849	FR-4- $\frac{1}{4}$ -C	1
G $\frac{3}{8}$	15	G $\frac{3}{8}$	32	19	20	6.4	26	85	20	26	72	75	6703	FR-4- $\frac{3}{8}$ -B	1
G $\frac{1}{2}$	18.6	G $\frac{1}{2}$	38	22	25	6.4	32	105	25	32	90	120	6704	FR-4- $\frac{1}{2}$ -B	1

* Packaging unit quantity

Distribution manifold FR-8

No. of supply lines: 2, including one

sealed with a blanking plug

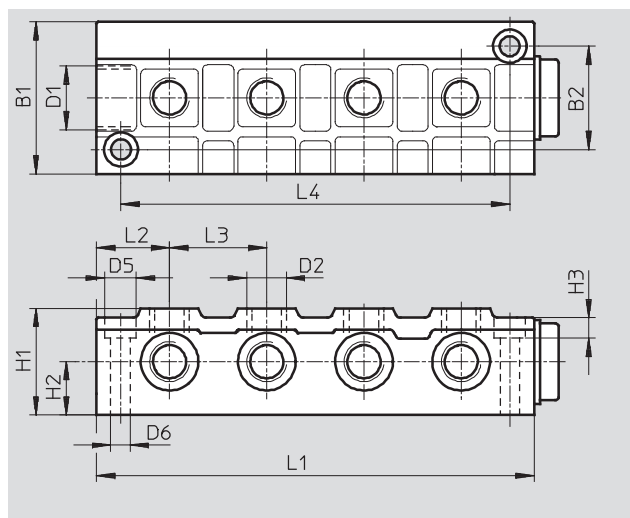
No. of outlets: 8

Material:

Die-cast aluminium

Note on materials:

RoHS-compliant



Dimensions and ordering data																	
Connection supply line D1	Nominal size [mm]	Connection outlet D2	B1	B2	D5 Ø	D6 Ø	H1	H2	H3	L1	L2	L3	L4	Weight [g]	Part No.	Type	PU*
G¾	8.6	G⅛	40	26	11	6.6	30	15	6.8	114	22.5	23	100	135	2077	FR-8-⅛	1
G½	11.5	G¼	50	34	11	6.6	35	17.5	6.8	144	24	32	128	230	2078	FR-8-¼	1
G¾	18.6	G½	60	40	15	9	45	22.5	9	170	31	36	150	1000	6411	FR-8-½	1

* Packaging unit quantity

Distribution manifolds FR

FESTO

Technical data

Distribution manifold FR-9

No. of supply lines: 1

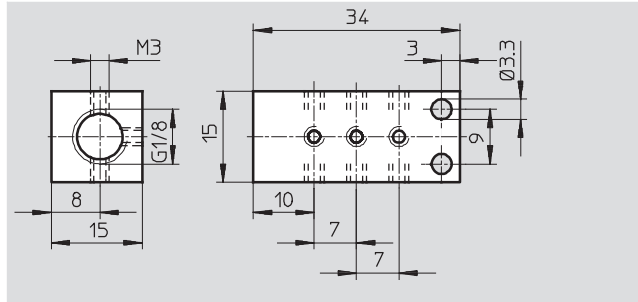
No. of outlets: 9

Material:

Anodised aluminium

Note on materials:

RoHS-compliant



Dimensions and ordering data						
Connection supply line	Nominal size [mm]	Connection outlet	Weight [g]	Part No.	Type	PU*
G1/8	2.5	M3	15	30981	FR-9-M3-B	1

* Packaging unit quantity

Distribution manifold FR-12

No. of supply lines: 2, including one sealed with a blanking plug

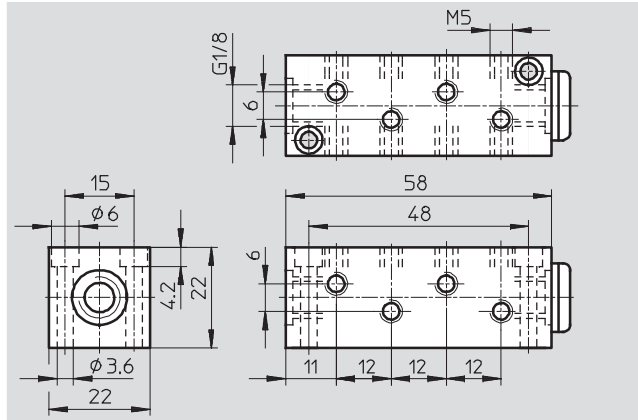
No. of outlets: 12

Material:

Anodised aluminium

Note on materials:

RoHS-compliant



Dimensions and ordering data						
Connection supply line	Nominal size [mm]	Connection outlet	Weight [g]	Part No.	Type	PU*
G1/8	4.1	M5	40	4525	FR-12-M5	1

* Packaging unit quantity

Product Range and Company Overview

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Our experienced engineers provide complete support at every stage of your development process, including: conceptualization, analysis, engineering, design, assembly, documentation, validation, and production.



Custom Automation Components
Complete custom engineered solutions



Custom Control Cabinets
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Shipment, stocking and storage services

The Broadest Range of Automation Components

With a comprehensive line of more than 30,000 automation components, Festo is capable of solving the most complex automation requirements.



Electromechanical
Electromechanical actuators, motors, controllers & drives



Pneumatics
Pneumatic linear and rotary actuators, valves, and air supply



PLCs and I/O Devices
PLC's, operator interfaces, sensors and I/O devices

Supporting Advanced Automation... As No One Else Can!

Festo is a leading global manufacturer of pneumatic and electromechanical systems, components and controls for industrial automation, with more than 12,000 employees in 56 national headquarters serving more than 180 countries. For more than 80 years, Festo has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment. Our dedication to the advancement of automation extends beyond technology to the education and development of current and future automation and robotics designers with simulation tools, teaching programs, and on-site services.

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Festo Corporation is committed to supply all Festo products and services that will meet or exceed our customers' requirements in product quality, delivery, customer service and satisfaction.

To meet this commitment, we strive to ensure a consistent, integrated, and systematic approach to management that will meet or exceed the requirements of the ISO 9001 standard for Quality Management and the ISO 14001 standard for Environmental Management.



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