

Branching modules FRM/Distributor blocks FRZ, D series

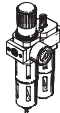
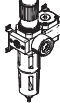
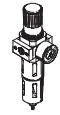
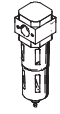
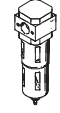
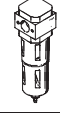
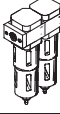
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Branching modules FRM/Distributor blocks FRZ, D series, metal design

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Product range overview D series service units, metal design

Type		Size	Pneumatic connection										Pressure regulation range [bar]			Grade of filtration [µm]			
			M5	M7	G1/8	G1/4	G3/8	G1/2	G3/4	G1	QS4	QS6	0.5 ...	0.5 ...	2.5 ...	0.01	1	5	40
Service units																			
FRC/FRCS		Micro	■	■	■	–	–	–	–	–	■	■	■	–	–	–	–	■	–
		Mini	–	–	■	■	■	–	–	–	–	–	■	–	–	–	–	■	■
		Midi	–	–	–	■	■	■	■	–	–	–	■	–	–	–	–	■	■
		Maxi	–	–	–	–	–	■	■	■	–	–	–	■	–	–	–	■	■
Service unit combinations																			
FRC-K		Micro	–																
		Mini	–	–	■	■	–	–	–	–	–	–	■	■	–	–	–	■	
		Midi	–	–	–	■	■	■	–	–	–	–	■	■	–	–	–	■	
		Maxi	–	–	–	–	–	■	■	–	–	–	■	■	–	–	–	■	
LFR-K LFRS-K		Micro	–																
		Mini	–	–	■	■	–	–	–	–	–	–	■	■	–	–	–	■	
		Midi	–	–	–	■	■	■	–	–	–	–	■	■	–	–	–	■	
		Maxi	–	–	–	–	–	■	■	–	–	–	–	■	■	–	–	–	■
Individual devices																			
Filter regulators LFR/LFRS		Micro	■	■	■	–	–	–	–	–	■	■	■	–	–	–	–	■	–
		Mini	–	–	■	■	■	–	–	–	–	■	■	–	–	–	–	■	■
		Midi	–	–	–	■	■	■	■	–	–	–	■	■	–	–	–	■	■
		Maxi	–	–	–	–	–	■	■	■	–	–	■	■	–	–	–	■	■
Filters LF		Micro	■	■	■	–	–	–	–	–	■	■	–	–	–	–	–	■	–
		Mini	–	–	■	■	■	–	–	–	–	–	–	–	–	–	–	■	■
		Midi	–	–	–	■	■	■	■	–	–	–	–	–	–	–	–	■	■
		Maxi	–	–	–	–	–	■	■	■	–	–	–	–	–	–	–	■	■
Fine and micro filters LFMA/LFMB		Micro	–																
		Mini	–	–	■	■	■	–	–	–	–	–	–	–	■	■	–	–	
		Midi	–	–	–	■	■	■	■	–	–	–	–	–	■	■	–	–	
		Maxi	–	–	–	–	–	■	■	■	–	–	–	–	■	■	–	–	
Active carbon filters LFX		Micro	–																
		Mini	–	–	■	■	■	–	–	–	–	–	–	–	–	–	–	–	
		Midi	–	–	–	■	■	■	■	–	–	–	–	–	–	–	–	–	
		Maxi	–	–	–	–	–	■	■	■	–	–	–	–	–	–	–	–	
Filter combinations LFMBA		Micro	–																
		Mini	–	–	■	■	■	–	–	–	–	–	–	–	■	■	–	–	
		Midi	–	–	–	■	■	■	■	–	–	–	–	–	■	■	–	–	
		Maxi	–	–	–	–	–	■	■	■	–	–	–	–	■	■	–	–	
Pressure regulators LR/LRS		Micro	■	■	■	–	–	–	–	–	■	■	■	–	–	–	–	–	
		Mini	–	–	■	■	■	–	–	–	–	■	■	–	–	–	–	–	
		Midi	–	–	–	■	■	■	■	–	–	■	■	–	–	–	–	–	
		Maxi	–	–	–	–	–	■	■	■	–	–	■	■	–	–	–	–	

Branching modules FRM/Distributor blocks FRZ, D series, metal design

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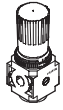
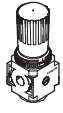
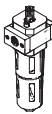
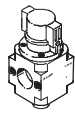
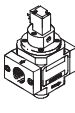
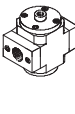
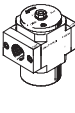
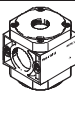
Product range overview D series service units, metal design

Type	Size	Bowl guard		Condensate drain			Pressure indication		Actuator lock		Supply voltage			Options			→ Page/ Internet
		Metal bowl guard	Plastic bowl	Manual rotary	Semi-automatic	Fully automatic	With pressure gauge	Without pressure gauge	Rotary knob with detent	Rotary knob with integrated lock	24 V DC	110 V AC	230 V AC	Directly actuated pressure regulator with integrated return flow function	Pilot actuated pressure regulator with integrated return flow function	Differential pressure indicator	
Service units																	
FRC/FRCS	Micro	–	■	■	■	–	■	■	■	–	–	–	–	–	–	–	frc
	Mini	■	–	■	–	■	■	■	■	■	–	–	–	–	–	–	
	Midi	■	–	■	–	■	■	■	■	■	–	–	–	–	–	–	
	Maxi	■	–	■	–	■	■	■	■	■	–	–	–	■	■	–	
Service unit combinations																	
FRC-K	Micro	–															frc
	Mini	■	–	■	–	■	■	–	■	–	–	–	–	–	–	–	
	Midi	■	–	■	–	■	■	–	■	–	–	–	–	–	–	–	
	Maxi	■	–	■	–	■	■	–	■	–	–	–	–	■	■	–	
LFR-K LFRS-K	Micro	–															lfr
	Mini	■	–	■	–	■	■	–	■	■	■	–	–	–	–	–	
	Midi	■	–	■	–	■	■	–	■	■	■	–	–	–	–	–	
	Maxi	■	–	■	–	■	■	–	■	■	■	–	–	■	■	–	
Individual devices																	
Filter regulators LFR/LFRS	Micro	–	■	■	■	–	■	■	■	–	–	–	–	–	–	–	lfr
	Mini	■	–	■	–	■	■	■	■	■	–	–	–	–	–	–	
	Midi	■	–	■	–	■	■	■	■	■	–	–	–	–	–	–	
	Maxi	■	–	■	–	■	■	■	■	■	–	–	–	■	■	–	
Filters LF	Micro	–	■	■	■	–	–	–	–	–	–	–	–	–	–	–	lf
	Mini	■	–	■	–	■	–	–	–	–	–	–	–	–	–	–	
	Midi	■	–	■	–	■	–	–	–	–	–	–	–	–	–	–	
	Maxi	■	–	■	–	■	–	–	–	–	–	–	–	–	–	–	
Fine and micro filters LFMA/LFMB	Micro	–															lfma, lfmb
	Mini	■	–	■	–	■	–	–	–	–	–	–	–	–	–	■	
	Midi	■	–	■	–	■	–	–	–	–	–	–	–	–	–	■	
	Maxi	■	–	■	–	■	–	–	–	–	–	–	–	–	–	■	
Active carbon filters LFX	Micro	–															lfx
	Mini	■	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
	Midi	■	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
	Maxi	■	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Filter combinations LFMBA	Micro	–															lfmba
	Mini	■	–	■	–	■	–	–	–	–	–	–	–	–	–	■	
	Midi	■	–	■	–	■	–	–	–	–	–	–	–	–	–	■	
	Maxi	■	–	■	–	■	–	–	–	–	–	–	–	–	–	■	
Pressure regulators LR/LRS	Micro	–	–	–	–	–	■	■	■	–	–	–	–	–	–	–	lr
	Mini	–	–	–	–	–	■	■	■	■	–	–	–	■	–	–	
	Midi	–	–	–	–	–	■	■	■	■	–	–	–	■	–	–	
	Maxi	–	–	–	–	–	■	■	■	■	–	–	–	■	■	–	

Branching modules FRM/Distributor blocks FRZ, D series, metal design

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Product range overview D series service units, metal design

Type		Size	Pneumatic connection										Pressure regulation range [bar]	
			M5	M7	G1/8	G1/4	G3/8	G1/2	G3/4	G1	QS4	QS6	0.5 ... 7	0.5 ... 12
Individual devices														
Pressure regulators LRB/LRBS		Micro	–											
		Mini	–	–	–	■	–	–	–	–	–	–	■	■
		Midi	–	–	–	–	■	–	–	–	–	–	■	■
		Maxi	–											
Pressure regulator combinations LRB-K		Micro	–											
		Mini	–	–	–	■	■	–	–	–	–	–	■	■
		Midi	–	–	–	–	■	■	–	–	–	–	■	■
		Maxi	–											
Lubricators LOE		Micro	■	■	■	–	–	–	–	–	■	■	–	–
		Mini	–	–	■	■	■	–	–	–	–	–	–	–
		Midi	–	–	–	■	■	■	■	–	–	–	–	–
		Maxi	–	–	–	–	–	■	■	■	–	–	–	–
On-off valves HE		Micro	–											
		Mini	–	–	■	■	■	–	–	–	–	–	–	–
		Midi	–	–	–	■	■	■	■	–	–	–	–	–
		Maxi	–	–	–	–	–	■	■	■	–	–	–	–
On-off valves, electrical HEE		Micro	–											
		Mini	–	–	■	■	■	–	–	–	–	–	–	–
		Midi	–	–	–	■	■	■	■	–	–	–	–	–
		Maxi	–	–	–	–	–	■	■	■	–	–	–	–
On-off valves, pneumatic HEP		Micro	–											
		Mini	–	–	■	■	■	–	–	–	–	–	–	–
		Midi	–	–	–	■	■	■	■	–	–	–	–	–
		Maxi	–	–	–	–	–	■	■	■	–	–	–	–
Soft-start valves HEL		Micro	–											
		Mini	–	–	■	■	■	–	–	–	–	–	–	–
		Midi	–	–	–	■	■	■	■	–	–	–	–	–
		Maxi	–	–	–	–	–	■	■	■	–	–	–	–
Membrane air dryers LDM1		Micro	–											
		Mini	–											
		Midi	–											
		Maxi	–	–	–	–	–	■	■	■	–	–	–	–
Branching modules FRM		Micro	–											
		Mini	–	–	■	■	■	–	–	–	–	–	–	–
		Midi	–	–	–	■	■	■	■	–	–	–	–	–
		Maxi	–	–	–	–	–	■	■	■	–	–	–	–
Distributor block FRZ		Micro	–	–	–	–	–	–	–	–	–	–	–	–
		Mini	–	–	–	–	–	–	–	–	–	–	–	–
		Midi	–	–	–	–	–	–	–	–	–	–	–	–
		Maxi	–	–	–	–	–	–	–	–	–	–	–	–

Branching modules FRM/Distributor blocks FRZ, D series, metal design

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Product range overview D series service units, metal design

Type	Size	Bowl guard		Pressure indication		Actuator lock		Supply voltage			Options		→ Page/ Internet	
		Metal bowl guard	Plastic bowl	With pressure gauge	Without pressure gauge	Rotary knob with detent	Rotary knob with integrated lock	24 V DC	110 V AC	230 V AC	Non-return function	Pressure switch		
Individual devices														
Pressure regulators LRB/LRBS	Micro	-											lrb	
	Mini	-	-	-	■	■	■	-	-	-	-	-		
	Midi	-	-	-	■	■	■	-	-	-	-	-		
	Maxi	-	-											
Pressure regulator combinations LRB-K	Micro	-											lrb	
	Mini	-	-	-	■	■	-	-	-	-	-	-		
	Midi	-	-	-	■	■	-	-	-	-	-	-		
	Maxi	-	-											
Lubricators LOE	Micro	-	■	-	■	-	-	-	-	-	-	-	loe	
	Mini	■	-	-	■	-	-	-	-	-	-	-		
	Midi	■	-	-	■	-	-	-	-	-	-	-		
	Maxi	■	-	-	■	-	-	-	-	-	-	-		
On-off valves HE	Micro	-											he	
	Mini	-	-	-	■	■	-	-	-	-	-	-		
	Midi	-	-	-	■	■	-	-	-	-	-	-		
	Maxi	-	-	-	■	■	-	-	-	-	-	-		
On-off valves, electrical HEE	Micro	-											hee	
	Mini	-	-	-	■	-	-	■	■	■	-	-		
	Midi	-	-	-	■	-	-	■	■	■	-	-		
	Maxi	-	-	-	■	-	-	■	■	■	-	-		
On-off valves, pneumatic HEP	Micro	-											hep	
	Mini	-	-	-	■	-	-	-	-	-	-	-		
	Midi	-	-	-	■	-	-	-	-	-	-	-		
	Maxi	-	-	-	■	-	-	-	-	-	-	-		
Soft-start valves HEL	Micro	-											hel	
	Mini	-	-	-	■	-	-	-	-	-	-	-		
	Midi	-	-	-	■	-	-	-	-	-	-	-		
	Maxi	-	-	-	■	-	-	-	-	-	-	-		
Membrane air dryers LDM1	Micro	-											ldm1	
	Mini	-												
	Midi	-												
	Maxi	■	-	-	■	-	-	-	-	-	-	-		
Branching modules FRM	Micro	-											6	
	Mini	-	-	-	■	-	-	-	-	-	■	■		
	Midi	-	-	-	■	-	-	-	-	-	■	■		
	Maxi	-	-	-	■	-	-	-	-	-	■	■		
Distributor block FRZ	Micro	-	-	-	■	-	-	-	-	-	-	-	12	
	Mini	-	-	-	■	-	-	-	-	-	-	-		
	Midi	-	-	-	■	-	-	-	-	-	-	-		
	Maxi	-	-	-	■	-	-	-	-	-	-	-		

Branching modules FRM, D series, metal design

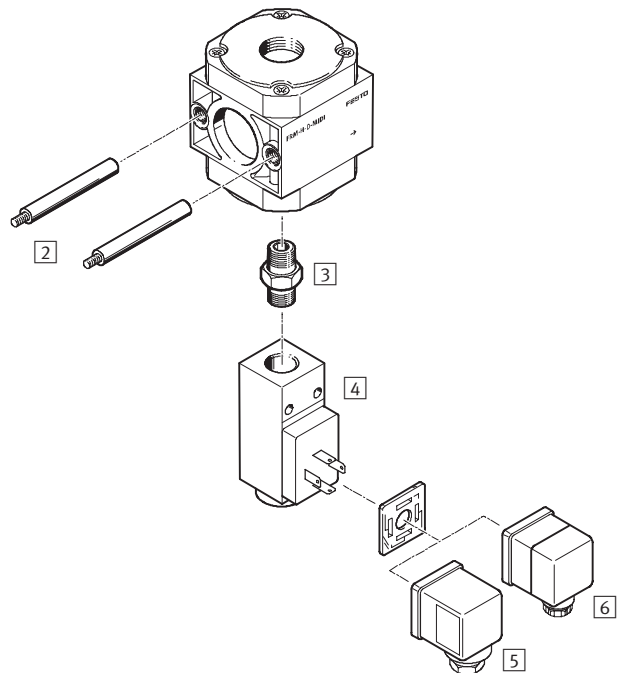
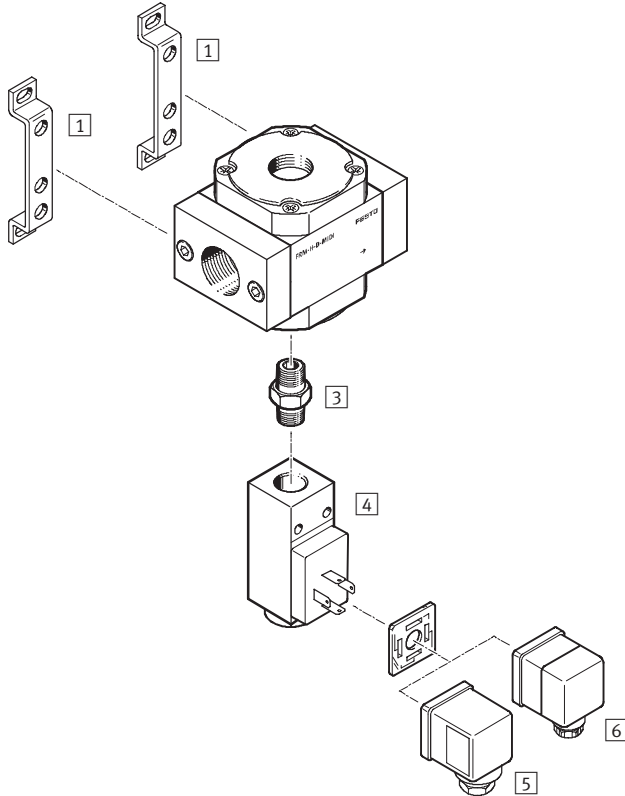
Peripherals overview

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Mini/Midi/Maxi

Individual unit with connection plates

Individual unit without connection plates, for service unit combination



Mounting attachments and accessories					
	Individual unit		Combination		→ Page/ Internet
	with connection plates	without connection plates	with connection plates	without connection plates	
[1] Mounting bracket HFOE	■	–	■	–	hfoe-d
[2] Threaded pin (included in scope of delivery) FRB	–	–	■	■	frb-d
[3] Double nipple ESK	■	■	■	■	14
[4] Pressure switches PEV	■	■	■	■	14
[5] Plug socket MSSD-C	■	■	■	■	14
[6] Angled plug socket PEV-...-WD-LED	■	■	■	■	14

Branching modules FRM, D series, metal design

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Type codes

		FRM	—	H	—	1/4	—	D	—	MIDI
Basic function										
FRM	Branching module									
Non-return function/pressure switch										
	Standard									
H	With integrated non-return function									
Y	With pressure switch									
Pneumatic connection										
	Without connection plates									
1/8	Thread G1/8									
1/4	Thread G1/4									
3/8	Thread G3/8									
1/2	Thread G1/2									
3/4	Thread G3/4									
1	Thread G1									
Series										
D	Series									
Size										
MINI	Grid dimension 40 mm (without connection plates)									
MIDI	Grid dimension 55 mm (without connection plates)									
MAXI	Grid dimension 66 mm (without connection plates)									

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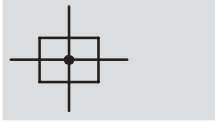
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Technical data

Function

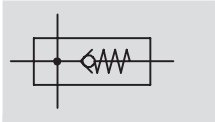
-  - Flow rate
1,300 ... 20,000 l/min

Standard



-  - Temperature range
-10 ... +60 °C

With non-return function



-  - Operating pressure
0 ... 16 bar



- An integrated non-return valve prevents return flow of lubricated compressed air
- Branching module for compressed air distribution for attachment of additional modules (pressure regulator, pressure switch, etc.)
- Several additional air connections for greater flexibility
- Can be used as an intermediate distributor for varying air qualities

General technical data										
Size	Mini			Midi				Maxi		
Pneumatic connection 1 ¹⁾	G1/8	G1/4	G3/8	G1/4	G3/8	G1/2	G3/4	G1/2	G3/4	G1
Pneumatic connection 2 ¹⁾	G1/8	G1/4	G3/8	G1/4	G3/8	G1/2	G3/4	G1/2	G3/4	G1
Pneumatic connection 3	G1/4			G1/2				G3/4		
Pneumatic connection 4	G1/4									
Operating medium	Filtered compressed air									
Design	Branching module									
Type of mounting	Via accessories									
	In-line installation									
Assembly position	Any									
Operating pressure [bar]										
Standard	0 ... 16									
With non-return function	0.15 ... 16			0.2 ... 16				0.25 ... 16		
With pressure switch	0 ... 12									

1) with connection plates

-  - Note: This product conforms with the ISO 1179-1 standard and the ISO 228-1 standard.

Branching modules FRM, D series, metal design

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Technical data

Standard nominal flow rate ¹⁾ qnN [l/min]								
Port		Without connection plates	With connection plates					
			G1/8	G1/4	G3/8	G1/2	G3/4	G1
Standard								
In main flow direction 1 → 2	Mini	3,300	1,500	3,300	3,300	–	–	–
	Midi	8,200	–	3,500	7,000	8,200	8,800	–
	Maxi	20,000	–	–	–	11,700	20,000	17,400
With non-return function								
In main flow direction 1 → 2	Mini	2,000	1,300	2,000	2,100	–	–	–
	Midi	5,600	–	3,400	5,500	5,600	5,500	–
	Maxi	15,000	–	–	–	9,600	15,000	13,400
With pressure switch								
In main flow direction 1 → 2	Mini	3,300	–					
	Midi	8,200	–					
	Maxi	20,000	–					

1) Measured at p₁ = 6 bar and Δp = 1 bar.

Ambient conditions				
Size		Mini	Midi	Maxi
Ambient temperature	[°C]	-10 ... +60		
Temperature of medium	[°C]	-10 ... +60		
Storage temperature	[°C]	-10 ... +60		
Corrosion resistance class	CRC ¹⁾	2		

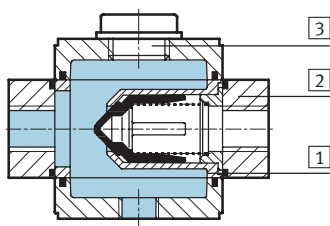
1) Corrosion resistance class 2 according to Festo standard 940 070

Components requiring moderate corrosion resistance. 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.

Weights [g]							
Port	Without connection plates	With connection plates					
		G1/8	G1/4	G3/8	G1/2	G3/4	G1
Mini							
Without pressure switch	210	290	280	290	–	–	–
With pressure switch	590	–					
Midi							
Without pressure switch	520	–	770	760	740	710	–
With pressure switch	900	–					
Maxi							
Without pressure switch	900	–	–	–	1,160	1,120	1,230
With pressure switch	1,280	–					

Materials

Sectional view

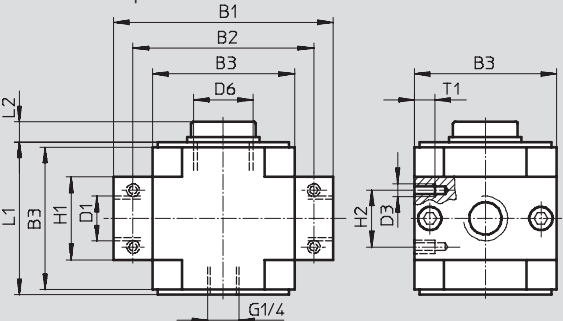
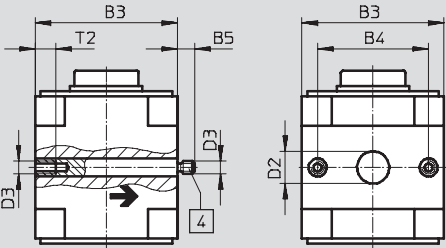


Branching module		
1	Housing	Die-cast zinc
2	Connection plates	Die-cast zinc
3	Cover plate	Galvanised steel
–	Seals	Nitrile rubber, polyvinyl chloride
Note on materials		Free of copper, PTFE and silicone

Branching modules FRM, D series, metal design

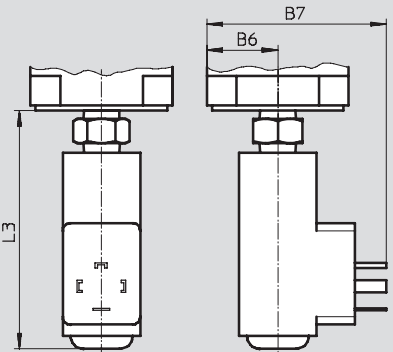
Technical data

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Dimensions		Download CAD data → www.festo.com	
Mini/Midi/Maxi			
With connection plates		Without connection plates	
			
4 Threaded pin (exchangeable)		→ Flow direction	

Type	B1	B2	B3	B4	B5	D1	D2 Ø	D3	D6	H1	H2	L1	L2	T1	T2
Mini															
FRM-1/8-D-MINI	64	52	40	30	—	G1/8	—	M4	G1/4	20	11	42	7	7	—
FRM-1/4-D-MINI						G1/4									
FRM-3/8-D-MINI	70	—			5.8	G3/8	11			—	—			—	10
FRM-D-MINI	—					G3/8									
Midi															
FRM-1/4-D-MIDI	85	70	55	43	—	G1/4	—	M5	G1/2	32	22	59	8	8	—
FRM-3/8-D-MIDI						G3/8									
FRM-1/2-D-MIDI						G1/2									
FRM-3/4-D-MIDI						G3/4									
FRM-D-MIDI	—	—			6.8	—	24			—	—			—	11
Maxi															
FRM-1/2-D-MAXI	96	80	66	46	—	G1/2	—	M5	G3/4	32	22	70	8	8	—
FRM-3/4-D-MAXI						G3/4									
FRM-1-D-MAXI	116	91			6.8	G1	30			40	—	—		—	11
FRM-D-MAXI	—	—				G1				—					

• Note: This product conforms with the ISO 1179-1 standard and the ISO 228-1 standard.

Dimensions – Pressure switch PEV		Download CAD data → www.festo.com
Mini/Midi/Maxi		Technical data → Internet: pev-1/4
		
Pressure switch PEV-1/4-B-OD with adjustable pressure switching point, plug, square design to DIN EN 175 301, type A		

Type	B6	B7	L3
FRM-Y-D-MINI	20	62	92.3
FRM-Y-D-MIDI	27.5	69.5	92.3
FRM-Y-D-MAXI	33	75	92.3

Branching modules FRM, D series, metal design

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Technical data

Ordering data – Without connection plates						
Size	Standard		With integrated non-return function		With pressure switch PEV-1/4-B-OD	
	Part No.	Type			Part No.	Type
Mini	170 684	FRM-D-MINI	170 687	FRM-H-D-MINI	542 184	FRM-Y-D-MINI
Midi	170 685	FRM-D-MIDI	170 688	FRM-H-D-MIDI	542 185	FRM-Y-D-MIDI
Maxi	170 686	FRM-D-MAXI	170 689	FRM-H-D-MAXI	542 186	FRM-Y-D-MAXI

Ordering data – With connection plates					
Size	Port	Standard		With integrated non-return function	
		Part No.	Type		
Mini	G1/8	164 949	FRM-1/8-D-MINI	162 788	FRM-H-1/8-D-MINI
	G1/4	164 950	FRM-1/4-D-MINI	162 789	FRM-H-1/4-D-MINI
	G3/8	164 951	FRM-3/8-D-MINI	162 790	FRM-H-3/8-D-MINI
Midi	G1/4	186 523	FRM-1/4-D-MIDI	186 525	FRM-H-1/4-D-MIDI
	Gy	164 952	FRM-3/8-D-MIDI	162 791	FRM-H-3/8-D-MIDI
	G1/2	164 953	FRM-1/2-D-MIDI	162 792	FRM-H-1/2-D-MIDI
	G3/4	164 954	FRM-3/4-D-MIDI	162 793	FRM-H-3/4-D-MIDI
Maxi	G1/2	186 524	FRM-1/2-D-MAXI	186 526	FRM-H-1/2-D-MAXI
	G3/4	164 955	FRM-3/4-D-MAXI	162 794	FRM-H-3/4-D-MAXI
	G1	164 956	FRM-1-D-MAXI	162 795	FRM-H-1-D-MAXI

Distributor blocks FRZ, D series, metal design

Type codes

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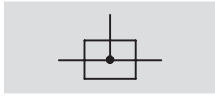
		FRZ	–	D	–	MIDI
Basic function						
FRZ	Distributor block					
Series						
D	Series					
Size						
MICRO	Grid dimension 25 mm (without connecting plates)					
MINI	Grid dimension 40 mm (without connecting plates)					
MIDI	Grid dimension 55 mm (without connecting plates)					
MAXI	Grid dimension 66 mm (without connecting plates)					

Distributor blocks FRZ, D series, metal design

Technical data

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Function

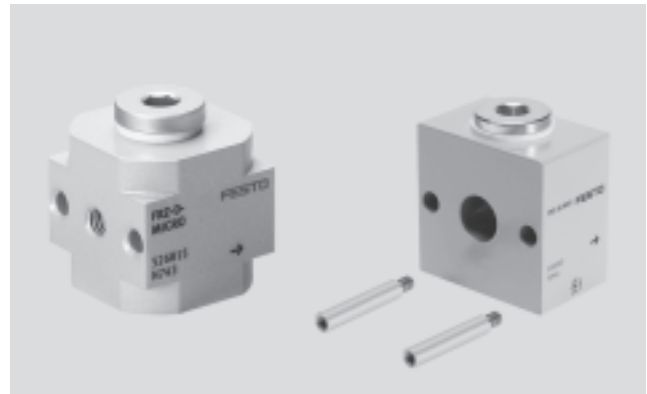


Additional air connections can be used to branch off filtered, unlubricated compressed air, e.g. to supply air barriers, sensors and control systems, or for especially clean air in combination with micro filter LFM.

Materials:

Housing: Aluminium

Cover plate: Galvanised steel

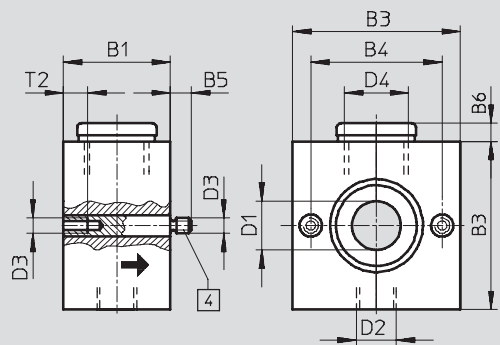
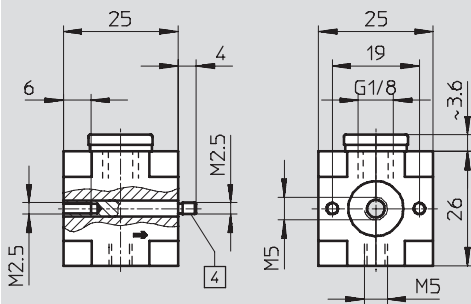


Dimensions

Download CAD data → www.festo.com

Micro

Mini/Midi/Maxi



4 Threaded pin (exchangeable)

→ Flow direction

Type	B1	B3	B4	B5	B6	D1 Ø	D2	D3	D4	T2
Mini										
FRZ-D-MINI	30	40	30	6	4.5	12	G $\frac{1}{4}$	M4	G $\frac{1}{4}$	12
Midi										
FRZ-D-MIDI	35	55	43	7	6	16	G $\frac{1}{4}$	M5	G $\frac{1}{2}$	8
Maxi										
FRZ-D-MAXI	40	65	30	7	6	22	G $\frac{1}{4}$	M5	G $\frac{3}{4}$	10

• • Note: This product conforms with the ISO 1179-1 standard and the ISO 228-1 standard.

Ordering data

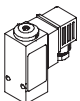
Distributor block

Size	Part No.	Type
Without threaded connecting plates		
Micro	526 815	FRZ-D-MICRO
Mini	162 786	FRZ-D-MINI
Midi	159 592	FRZ-D-MIDI
Maxi	162 787	FRZ-D-MAXI

Branching modules FRM/Distributor blocks FRZ, D series

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Accessories

Ordering data – Pressure switch PEV				Technical data → Internet: pev-1/4	
	Pneumatic connection	Pressure switching point	Electrical connection	Part No.	Type
	G1/4	Adjustable with visual scale	Plug, square design to DIN EN 175 301, type A	161 760	PEV-1/4-SC-0D
	G1/4	Adjustable	Plug, square design to DIN EN 175 301, type A	175 250	PEV-1/4-B-0D
	G1/4	Adjustable	Plug socket MSSD-C-4P	10 773	PEV-1/4-B

Ordering data – Angled socket PEV				Technical data → Internet: pev-1/4	
	Description	Operating voltage range	Electrical connection	Switching status display	Part No. Type
	for PEV-1/4-...-0D	15 ... 30 V DC	4-pin	Yellow LED	164 274 PEV-1/4-WD-LED-24
		≤ 230 V AC	4-pin	Yellow LED	164 275 PEV-1/4-WD-LED-230
		≤ 180 V DC			

Ordering data – Plug socket MSSD-C-4P				Technical data → Internet: mssd-c-4p	
	Description	Operating voltage range	Electrical connection	Type of mounting cable connection	Part No. Type
	for PEV-1/4-...-0D	≤ 250 V AC/DC	3-pin	Clamping screws	171 157 MSSD-C-4P

Ordering data – Double nipple ESK					
	Description	Pneumatic connection		Part No.	Type
	Adjustable for angular compensation • For retro-fitting pressure switch PEV to branching module FRM	R1/4	R1/4	151 521	ESK-1/4-1/4