

Branching modules FRM/Distributor blocks FRZ, D series

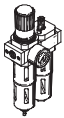
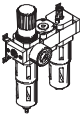
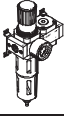
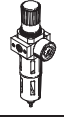
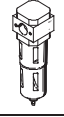
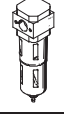
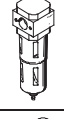
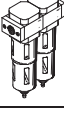
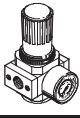
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Branching modules FRM/Distributor blocks FRZ, D series, metal design



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

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	-	■	■	■	-	■	■	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



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



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

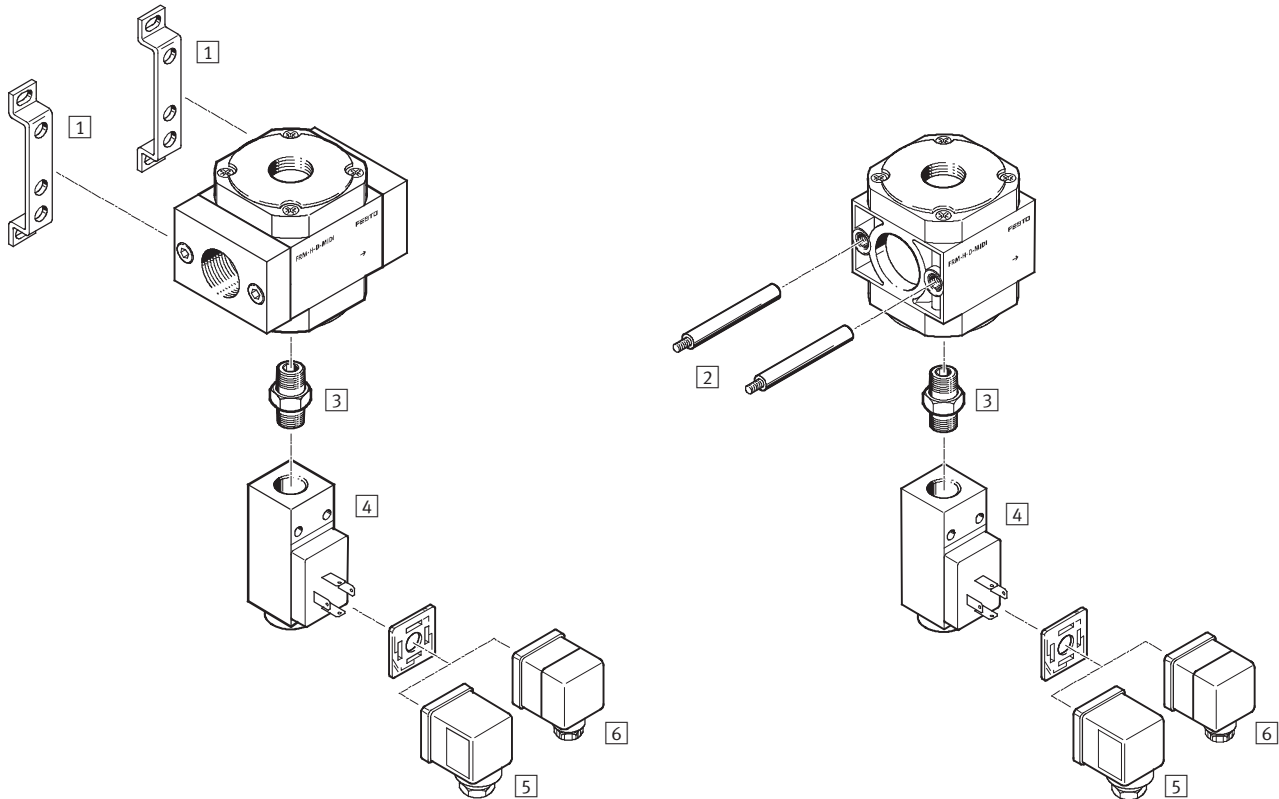
Peripherals overview

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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

Type codes



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
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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)

Branching modules FRM, D series, metal design

Technical data

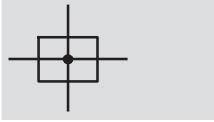


Function

Flow rate

1,300 ... 20,000 l/min

Standard



Temperature range

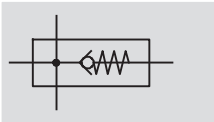
-10 ... +60 °C

Pressure

0 ... 16 bar



With non-return function



- 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	Compressed air in accordance with ISO 8573-1:2010 [7:-:-]									
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 to ISO 1179-1 and ISO 228-1

Branching modules FRM, D series, metal design

Technical data

Standard nominal flow rate ¹⁾ q _N [l/min]								
Port		Without connection plates	With connection plates					
			G ¹ / ₈	G ¹ / ₄	G ³ / ₈	G ¹ / ₂	G ³ / 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.

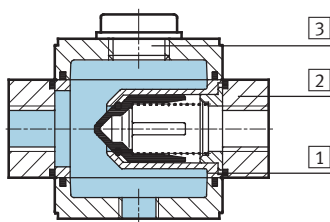
Ambient conditions				
Size		Mini	Midi	Maxi
Ambient temperature	[°C]	–10 ... +60		
Temperature of medium	[°C]	–10 ... +60		
Storage temperature	[°C]	–10 ... +60		
Corrosion resistance class	CRC ¹⁾	2		

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					
			G ¹ / ₈	G ¹ / ₄	G ³ / ₈	G ¹ / ₂	G ³ / 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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Download CAD Data → www.festo.com/us/cad

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						G3/8									
FRM-D-MINI	-	-	-	-	5.8	-	11	-	-	-	-	-	-	-	10
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						G1									
FRM-D-MAXI	-	-	-	-	6.8	-	30	-	-	-	-	-	-	-	11

Note: This product conforms to ISO 1179-1 and ISO 228-1

Download CAD Data → www.festo.com/us/cad

Mini/Midi/Maxi Technical data → Internet: pev-1/4

4 Threaded pin (exchangeable)

Pressure switch PEV-1/4-B-0D 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

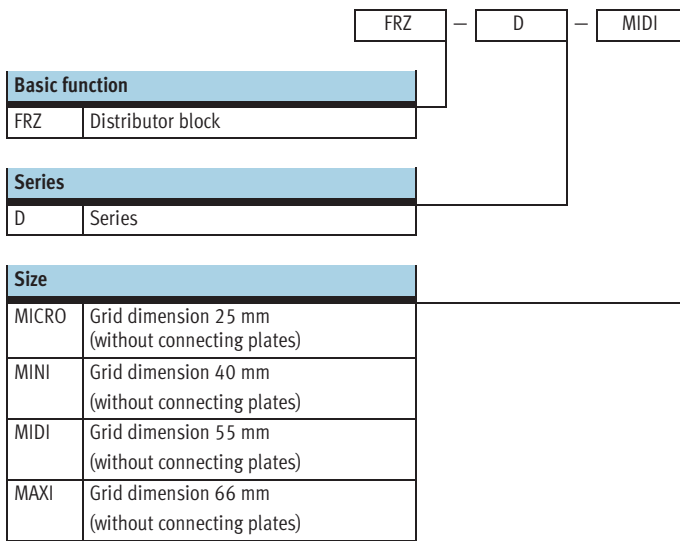
Technical data

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	Part No.	Type
Mini	170684	FRM-D-MINI	170687	FRM-H-D-MINI	542184	FRM-Y-D-MINI
Midi	170685	FRM-D-MIDI	170688	FRM-H-D-MIDI	542185	FRM-Y-D-MIDI
Maxi	170686	FRM-D-MAXI	170689	FRM-H-D-MAXI	542186	FRM-Y-D-MAXI

Ordering data – With connection plates						
Size	Port	Standard		With integrated non-return function		
		Part No.	Type	Part No.	Type	
Mini	G1/8	164949	FRM-1/8-D-MINI	162788	FRM-H-1/8-D-MINI	
	G1/4	164950	FRM-1/4-D-MINI	162789	FRM-H-1/4-D-MINI	
	G3/8	164951	FRM-3/8-D-MINI	162790	FRM-H-3/8-D-MINI	
Midi	G1/4	186523	FRM-1/4-D-MIDI	186525	FRM-H-1/4-D-MIDI	
	Gy	164952	FRM-3/8-D-MIDI	162791	FRM-H-3/8-D-MIDI	
	G1/2	164953	FRM-1/2-D-MIDI	162792	FRM-H-1/2-D-MIDI	
	G3/4	164954	FRM-3/4-D-MIDI	162793	FRM-H-3/4-D-MIDI	
Maxi	G1/2	186524	FRM-1/2-D-MAXI	186526	FRM-H-1/2-D-MAXI	
	G3/4	164955	FRM-3/4-D-MAXI	162794	FRM-H-3/4-D-MAXI	
	G1	164956	FRM-1-D-MAXI	162795	FRM-H-1-D-MAXI	

Distributor blocks FRZ, D series, metal design

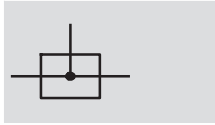
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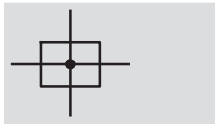
Distributor blocks FRZ, D series, metal design

Technical data

FRZ-D-MICRO

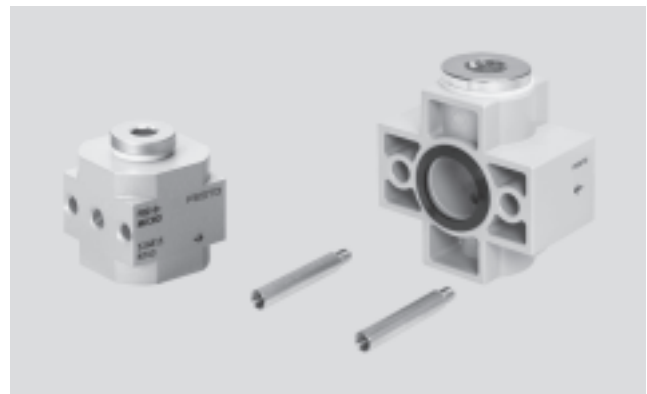


FRZ-D-MINI/MIDI/MAXI



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/us/cad

Micro Mini/Midi/Maxi

4 Threaded pin (exchangeable) → Flow direction

Type	B1	B2	B3	B4	B5	D1 Ø	D2	D3	D4	T2
Mini										
FRZ-D-MINI	30	20	40	30	6	12	G $\frac{1}{4}$	M4	G $\frac{1}{4}$	12
Midi										
FRZ-D-MIDI	35	32	55	43	7	16	G $\frac{1}{4}$	M5	G $\frac{1}{2}$	8
Maxi										
FRZ-D-MAXI	40	32	65	46	7	22	G $\frac{1}{4}$	M5	G $\frac{3}{4}$	10




Note: This product conforms to ISO 1179-1 and ISO 228-1


Ordering data		
Distributor block		
Size	Part No.	Type
Without threaded connecting plates		
Micro	526815	FRZ-D-MICRO
Mini	162786	FRZ-D-MINI
Midi	159592	FRZ-D-MIDI
Maxi	162787	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	161760	PEV-1/4-SC-0D
	G1/4	Adjustable	Plug, square design to DIN EN 175 301, type A	175250	PEV-1/4-B-0D
	G1/4	Adjustable	Plug socket MSSD-C-4P	10773	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-...-OD	15 ... 30 V DC	4-pin	Yellow LED	164274	PEV-1/4-WD-LED-24
		≤ 230 V AC	4-pin	Yellow LED	164275	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-...-OD	≤ 250 V AC/DC	3-pin	Clamping screws	171157	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	151521	ESK-1/4-1/4

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