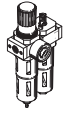
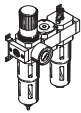
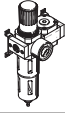
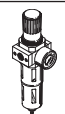
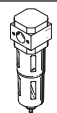
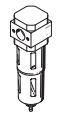
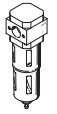
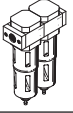
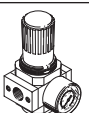


## Branching modules FRM/distributor blocks FRZ, D series

**FESTO**



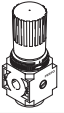
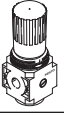
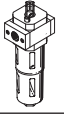
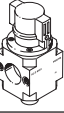
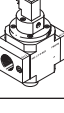
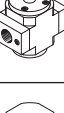




Product range overview – Service unit components, D series, metal

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 ... 7	0.5 ... 12	2.5 ... 12	0.01	1	5	40
<b>Service units</b>																		
<b>FRC/FRCS</b> 	Mini	-	-	■	■	■	-	-	-	-	-	■	■	-	-	-	■	■
	Midi	-	-	-	■	■	■	■	-	-	-	■	■	-	-	-	■	■
	Maxi	-	-	-	-	-	■	■	■	-	-	■	■	-	-	-	■	■
<b>Service unit combinations</b>																		
<b>FRC-K</b> 	Micro	-																
	Mini	-	-	■	■	-	-	-	-	-	-	■	■	-	-	-	-	■
	Midi	-	-	-	■	■	■	-	-	-	-	■	■	-	-	-	-	■
	Maxi	-	-	-	-	-	■	■	-	-	-	■	■	-	-	-	-	■
<b>LFR-K LFRS-K</b> 	Micro	-																
	Mini	-	-	■	■	-	-	-	-	-	-	■	■	-	-	-	-	■
	Midi	-	-	-	■	■	■	-	-	-	-	■	■	-	-	-	-	■
	Maxi	-	-	-	-	-	■	■	-	-	-	■	■	-	-	-	-	■
<b>Individual devices</b>																		
<b>Filter regulators LFR/LFRS</b> 	Micro	■	■	■	-	-	-	-	-	■	■	■	-	-	-	-	■	-
	Mini	-	-	■	■	■	-	-	-	-	■	■	-	-	-	-	■	■
	Midi	-	-	-	■	■	■	-	-	-	■	■	-	-	-	-	■	■
	Maxi	-	-	-	-	-	■	■	■	-	-	■	■	-	-	-	■	■
<b>Filters LF</b> 	Mini	-	-	■	■	■	-	-	-	-	-	-	-	-	-	■	■	
	Midi	-	-	-	■	■	■	■	-	-	-	-	-	-	-	■	■	
	Maxi	-	-	-	-	-	■	■	■	-	-	-	-	-	-	■	■	
<b>Fine and micro filters LFMA/LFMB</b> 	Micro	-																
	Mini	-	-	■	■	■	-	-	-	-	-	-	-	■	■	-	-	-
	Midi	-	-	-	■	■	■	■	-	-	-	-	-	■	■	-	-	-
	Maxi	-	-	-	-	-	■	■	■	-	-	-	-	■	■	-	-	-
<b>Activated carbon filters LFX</b> 	Micro	-																
	Mini	-	-	■	■	■	-	-	-	-	-	-	-	-	-	-	-	-
	Midi	-	-	-	■	■	■	■	-	-	-	-	-	-	-	-	-	-
	Maxi	-	-	-	-	-	■	■	■	-	-	-	-	-	-	-	-	-
<b>Filter combinations LFMBA</b> 	Micro	-																
	Mini	-	-	■	■	■	-	-	-	-	-	-	-	■	■	-	-	-
	Midi	-	-	-	■	■	■	■	-	-	-	-	-	■	■	-	-	-
	Maxi	-	-	-	-	-	■	■	■	-	-	-	-	■	■	-	-	-
<b>Pressure regulators LR/LRS</b> 	Mini	-	-	■	■	■	-	-	-	-	■	■	-	-	-	-	-	-
	Midi	-	-	-	■	■	■	■	-	-	-	■	■	-	-	-	-	-
	Maxi	-	-	-	-	-	■	■	■	-	-	■	■	-	-	-	-	-

Product range overview – Service unit components, D series, metal

Type	Size	Bowl guard		Condensate drain			Pressure indication		Actuator lock		Supply voltage			Options			→ Page/ Internet
		Metal bowl guard	Plastic bowl	Manual	Semi-automatic	Fully automatic	With pressure gauge	Without pressure gauge	Rotary knob with latch	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 display	
<b>Service units</b>																	
FRC/FRCS	Mini	■	-	■	-	■	■	■	■	■	-	-	-	-	-	-	frc
	Midi	■	-	■	-	■	■	■	■	■	-	-	-	-	-	-	
	Maxi	■	-	■	-	■	■	■	■	■	-	-	-	■	■	-	
<b>Service unit combinations</b>																	
FRC-K	Micro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	frc
	Mini	■	-	■	-	■	■	-	■	-	■	-	-	-	-	-	
	Midi	■	-	■	-	■	■	-	■	-	■	-	-	-	-	-	
	Maxi	■	-	■	-	■	■	-	■	-	■	-	-	■	■	-	
LFR-K LFRS-K	Micro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	frc
	Mini	■	-	■	-	■	■	-	■	■	■	-	-	-	-	-	
	Midi	■	-	■	-	■	■	-	■	■	■	-	-	-	-	-	
	Maxi	■	-	■	-	■	■	-	■	■	■	-	-	■	■	-	
<b>Individual devices</b>																	
Filter regulators LFR/LFRS	Micro	-	■	■	■	-	■	■	■	-	-	-	-	-	-	-	lfr
	Mini	■	-	■	-	■	■	■	■	■	-	-	-	-	-	-	
	Midi	■	-	■	-	■	■	■	■	■	-	-	-	-	-	-	
	Maxi	■	-	■	-	■	■	■	■	■	-	-	-	■	■	-	
Filters LF	Mini	■	-	■	-	■	-	-	-	-	-	-	-	-	-	-	lf
	Midi	■	-	■	-	■	-	-	-	-	-	-	-	-	-	-	
	Maxi	■	-	■	-	■	-	-	-	-	-	-	-	-	-	-	
Fine and micro filters LFMA/LFMB	Micro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	lfma, lfmb
	Mini	■	-	■	-	■	-	-	-	-	-	-	-	-	-	■	
	Midi	■	-	■	-	■	-	-	-	-	-	-	-	-	-	■	
	Maxi	■	-	■	-	■	-	-	-	-	-	-	-	-	-	■	
Activated carbon filters LFX	Micro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	lfx
	Mini	■	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Midi	■	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maxi	■	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Filter combinations LFMBA	Micro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	lfmba
	Mini	■	-	■	-	■	-	-	-	-	-	-	-	-	-	■	
	Midi	■	-	■	-	■	-	-	-	-	-	-	-	-	-	■	
	Maxi	■	-	■	-	■	-	-	-	-	-	-	-	-	-	■	
Pressure regulators LR/LRS	Mini	-	-	-	-	-	■	■	■	■	-	-	-	■	-	-	lr
	Midi	-	-	-	-	-	■	■	■	■	-	-	-	■	-	-	
	Maxi	-	-	-	-	-	■	■	■	■	-	-	-	■	■	-	
	Maxi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Product range overview – Service unit components, D series, metal

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	
<b>Individual devices</b>														
Pressure regulators <b>LRB/LRBS</b>		Micro	–											
		Mini	–	–	–	■	–	–	–	–	–	–	■	■
		Midi	–	–	–	–	■	–	–	–	–	–	■	■
		Maxi	–											
Pressure regulator manifolds <b>LRB-K</b>		Micro	–											
		Mini	–	–	–	■	■	–	–	–	–	–	■	■
		Midi	–	–	–	–	■	■	–	–	–	–	■	■
		Maxi	–											
Lubricators <b>LOE</b>		Mini	–	–	■	■	■	–	–	–	–	–	–	
		Midi	–	–	–	■	■	■	■	–	–	–	–	
		Maxi	–	–	–	–	–	■	■	■	–	–	–	
On/off valves <b>HE</b>		Micro	–											
		Mini	–	–	■	■	■	–	–	–	–	–	–	
		Midi	–	–	–	■	■	■	■	–	–	–	–	
		Maxi	–	–	–	–	–	■	■	■	–	–	–	
On/off valves <b>HEE</b>		Micro	–											
		Mini	–	–	■	■	■	–	–	–	–	–	–	
		Midi	–	–	–	■	■	■	■	–	–	–	–	
		Maxi	–	–	–	–	–	■	■	■	–	–	–	
On/off valves <b>HEP</b>		Micro	–											
		Mini	–	–	■	■	■	–	–	–	–	–	–	
		Midi	–	–	–	■	■	■	■	–	–	–	–	
		Maxi	–	–	–	–	–	■	■	■	–	–	–	
Soft-start valves <b>HEL</b>		Micro	–											
		Mini	–	–	■	■	■	–	–	–	–	–	–	
		Midi	–	–	–	■	■	■	■	–	–	–	–	
		Maxi	–	–	–	–	–	■	■	■	–	–	–	
Membrane air dryers <b>LDM1</b>		Micro	–											
		Mini	–											
		Midi	–											
		Maxi	–	–	–	–	–	■	■	■	–	–	–	
Branching modules <b>FRM</b>		Micro	–											
		Mini	–	–	■	■	■	–	–	–	–	–	–	
		Midi	–	–	–	■	■	■	■	–	–	–	–	
		Maxi	–	–	–	–	–	■	■	■	–	–	–	
Distributor block <b>FRZ</b>		Mini	–	–	–	–	–	–	–	–	–	–	–	
		Midi	–	–	–	–	–	–	–	–	–	–	–	
		Maxi	–	–	–	–	–	–	–	–	–	–	–	

## Product range overview – Service unit components, D series, metal

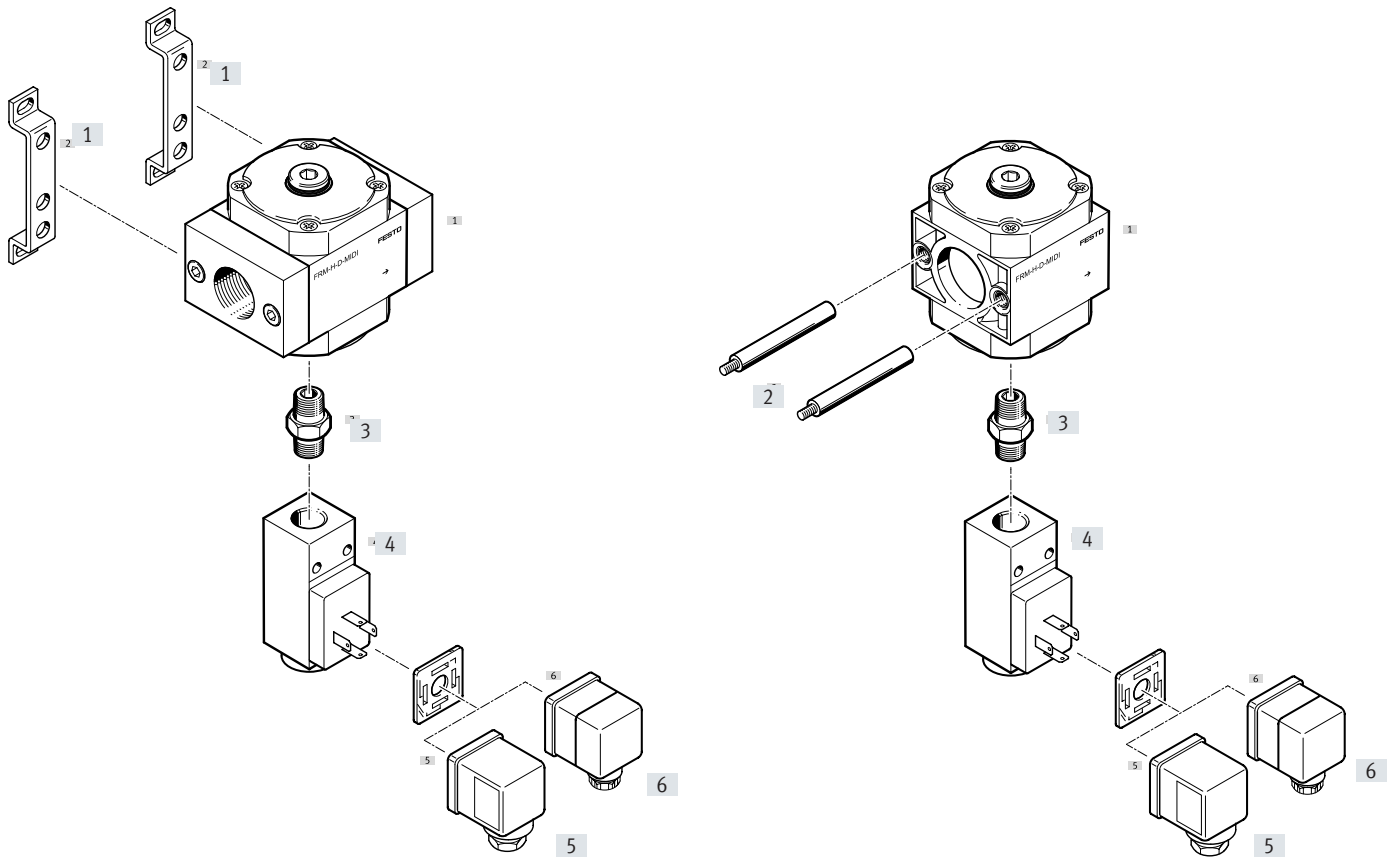
Type	Size	Bowl guard		Pressure indication		Actuator lock		Supply voltage			Options		→ Page/ Internet	
		Metal bowl guard	Plastic bowl	With pressure gauge	Without pressure gauge	Rotary knob with latch	Rotary knob with integrated lock	24 V DC	110 V AC	230 V AC	With non-return function	Pressure switch	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

## Peripherals overview

### Mini/Midi/Maxi

Individual unit with connecting plates

Individual unit without connecting plates, for service unit combination



#### Mounting attachments and accessories

	Single device		Combination		→ Page/Internet
	With connecting plates	Without connecting plates	With connecting plates	Without connecting plates	
[1] Mounting bracket HFOE	■	–	■	–	hfoe-d
[2] Threaded bolt (included in the scope of delivery) FRB	–	–	■	■	frb-d
[3] Double nipple ESK	■	■	■	■	14
[4] Pressure switch PEV	■	■	■	■	14
[5] Plug socket MSSD-C	■	■	■	■	14
[6] Angled plug socket PEV...-WD-LED	■	■	■	■	14

## Type codes

001	Series
<b>FRM</b>	Branching module

002	Additional function
	None
<b>H</b>	With integrated non-return function
<b>Y</b>	Pressure switch, connection A1

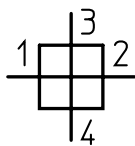
003	Pneumatic connection
	None
<b>1/8</b>	Female thread G1/8
<b>1/4</b>	Female thread G1/4
<b>3/8</b>	Female thread G3/8
<b>1/2</b>	Female thread G1/2
<b>3/4</b>	Female thread G3/4
<b>1</b>	Female thread G1

004	Version
<b>D</b>	D series, metal

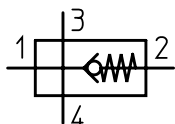
005	Size
<b>MINI</b>	Grid dimension 40 mm (without connecting plates)
<b>MIDI</b>	Grid dimension 55 mm (without connecting plates)
<b>MAXI</b>	Grid dimension 66 mm (without connecting plates)




## Datasheet

Function  
Branching module, standard



Branching module with integrated non-return function



-  - Flow rate  
1100 ... 20000 l/min
-  - Temperature range  
-10 ... +60 °C
-  - Operating pressure  
0 ... 16 bar



- Branching module for compressed air distribution for attachment of auxiliary modules (pressure regulator, pressure switch, etc.)
- An integrated check valve prevents the return flow of lubricated compressed air
- 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, 2	G1/8	G1/4	G3/8	- <sup>1)</sup>	G1/4	G3/8	G1/2	G3/4	- <sup>1)</sup>	G1/2	G3/4	G1	- <sup>1)</sup>
Pneumatic connection 3	G1/4				G1/2					G3/4			
Pneumatic connection 4	G1/4												
Design	Branching module												
Type of mounting	Via accessories												
	In-line installation												
Mounting position	Any												
Air purity class at the output	Compressed air to ISO 8573-1:2010 [7:-:-]												
	Inert gases												

1) Without connecting plates.

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

Standard nominal flow rate $q_{nN}^{1)}$ [l/min]														
Size	Mini				Midi					Maxi				
Pneumatic connection 1, 2	G1/8	G1/4	G3/8	- <sup>2)</sup>	G1/4	G3/8	G1/2	G3/4	- <sup>2)</sup>	G1/2	G3/4	G1	- <sup>2)</sup>	
<b>Branching module, standard</b>														
In main flow direction 1 → 2	1400	3300	2900	3300	3300	6700	8200	8800	8200	11700	20000	17400	20000	
<b>Branching module with integrated non-return function</b>														
In main flow direction 1 → 2	1100	2000	2100	2000	3100	4900	5100	5000	5100	9000	13500	12300	13500	
<b>Branching module with pressure switch</b>														
In main flow direction 1 → 2	-			3300	-				8200	-		20000		

1) Measured at  $p_1 = 6$  bar and  $\Delta p = 1$  bar.

2) Without connecting plates.



## Datasheet

Operating and environmental conditions					
Branching module	Standard		With integrated non-return function		With pressure switch
Size	Mini/Midi/Maxi		Mini	Midi	Maxi
Operating pressure [bar]	0 ... 16		0.15 ... 16	0.2 ... 16	0.25 ... 16
Operating medium	Compressed air to ISO 8573-1:2010 [7:-;-]				
	Inert gases				
Ambient temperature [°C]	-10 ... +60				
Temperature of medium [°C]	-10 ... +60				
Storage temperature [°C]	-10 ... +60				
Corrosion resistance class CRC <sup>1)</sup>	2				

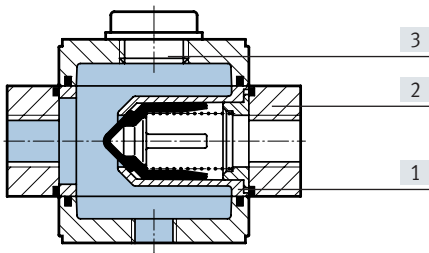
1) More information [www.festo.com/x/topic/crc](http://www.festo.com/x/topic/crc)

Weight [g]													
Size	Mini				Midi				Maxi				
Pneumatic connection 1, 2	G1/8	G1/4	G3/8	- <sup>1)</sup>	G1/4	G3/8	G1/2	G3/4	- <sup>1)</sup>	G1/2	G3/4	G1	- <sup>1)</sup>
<b>Branching module, standard</b>													
FRM-D	322	321	322	230	532	522	502	472	382	702	662	772	442
<b>Branching module with integrated non-return function</b>													
FRM-H-D	325	324	325	233	536	526	506	476	386	706	666	776	446
<b>Branching module with pressure switch</b>													
FRM-Y-D	-			507	-				662	-		822	

1) Without connecting plates.

### Materials

Sectional view



Branching module		
[1]	Housing	Die-cast aluminium FRM-H-...-D-MAXI: Die-cast zinc
[2]	Connecting plates	Die-cast zinc
[3]	Plug screw	Galvanised steel
-	Seals	NBR
Note on materials		RoHS-compliant

Datasheet

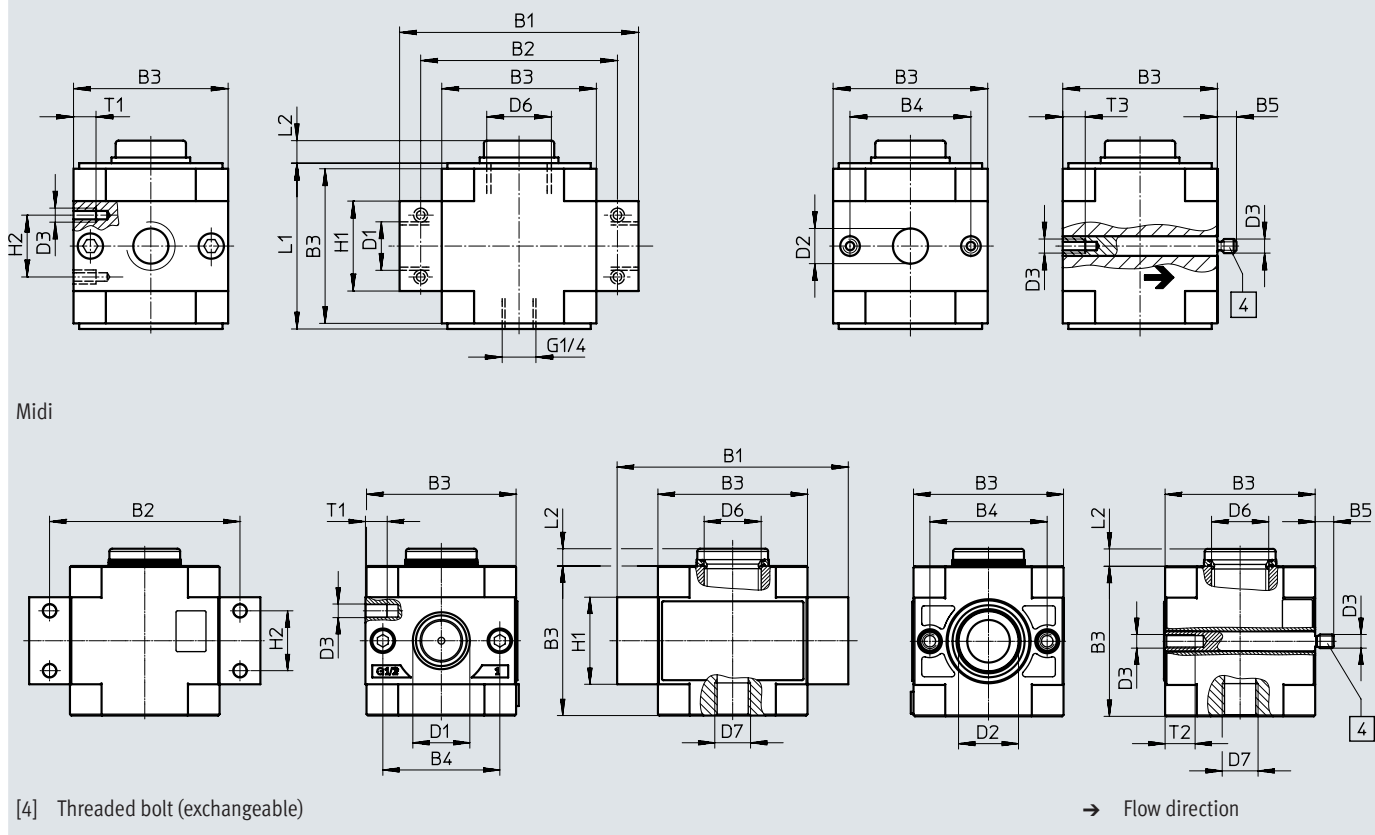
Dimensions

Download CAD data → [www.festo.com](http://www.festo.com)

Connecting plates with threaded connection

Without connecting plates

Mini/Maxi



Type	B1	B2	B3	B4	B5	D1	D2 ∅	D3	D6	D7	H1	H2	L1	L2	T1	T2
<b>Mini</b>																
FRM-1/8-D-MINI	64	52	40	30	-	G1/8	-	M4	G1/4	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
<b>Midi</b>																
FRM-1/4-D-MIDI	85	70	55	43	-	G1/4	-	M5	G1/2	G1/4	32	22	-	6.4	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	-	22	-	-	-	-	-	-	-	-	11
<b>Maxi</b>																
FRM-1/2-D-MAXI	96	80	66	46	-	G1/2	-	M5	G3/4	G1/4	32	22	70	8	8	-
FRM-3/4-D-MAXI						G3/4										
FRM-1-D-MAXI	116	91	-	-	6.8	-	30	-	-	-	-	-	-	-	-	11
FRM-D-MAXI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

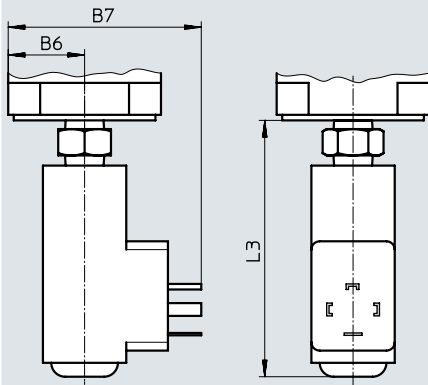
## Datasheet

**Dimensions – Pressure switch**

 Download CAD data → [www.festo.com](http://www.festo.com)

Pressure switch with adjustable pressure switching point

Datasheets → Internet: pev-1/4



Pressure switch PEV-1/4-B-0D with adjustable pressure switching point, plug, square design to 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

**Ordering data**

Size	Connection	Branching module, standard		Branching module with integrated non-return function		Branching module with pressure switch PEV-1/4-B-0D	
		Part no.	Type	Part no.	Type	Part no.	Type
<b>Without connecting plates</b>							
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
<b>Connecting plates with threaded connection</b>							
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		
	G3/8	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		
Maxi	G3/4	164954	FRM-3/4-D-MIDI	162793	FRM-H-3/4-D-MIDI		
	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		

## Type codes

001	Series
<b>FRZ</b>	Distributor block

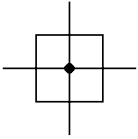
  

002	Version
<b>D</b>	D series, metal

003	Size
<b>MINI</b>	Grid dimension 40 mm (without connecting plates)
<b>MIDI</b>	Grid dimension 55 mm (without connecting plates)
<b>MAXI</b>	Grid dimension 66 mm (without connecting plates)

## Datasheet

### Function

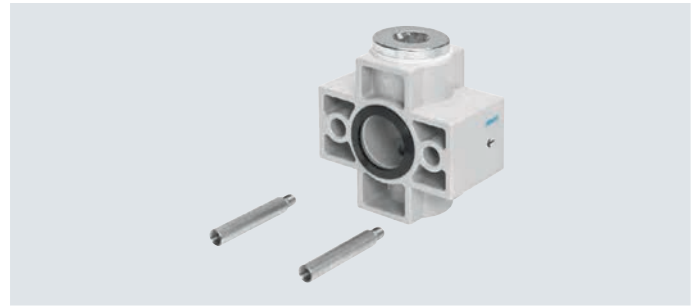


Filtered, unlubricated compressed air can be branched via additional air connections, e.g. to supply compressed air to air barriers, sensors and controllers or, for especially clean compressed air, in combination with micro filter LFM.

### Materials:

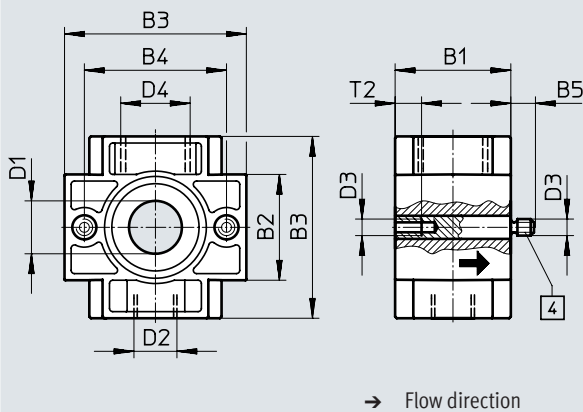
Housing: Aluminium

Plug screw: Galvanised steel



### Dimensions

Download CAD data → [www.festo.com](http://www.festo.com)



Type	B1	B2	B3	B4	B5	D1 ∅	D2	D3	D4	T2
<b>Mini</b>										
FRZ-D-MINI	30	20	40	30	6	12	G1/4	M4	G1/4	12
<b>Midi</b>										
FRZ-D-MIDI	35	32	55	43	7	16	G1/4	M5	G1/2	8
<b>Maxi</b>										
FRZ-D-MAXI	40	32	65	46	7	22	G1/4	M5	G3/4	10

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


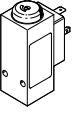
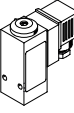
### Ordering data


Distributor block

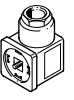
Size	Part no.	Type
<b>Without connecting plates</b>		
Mini	<b>162786</b>	<b>FRZ-D-MINI</b>
Midi	<b>159592</b>	<b>FRZ-D-MIDI</b>
Maxi	<b>162787</b>	<b>FRZ-D-MAXI</b>

### Without connecting plates

## Accessories

Ordering data – Pressure switches PEV				Datasheets → 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	<b>161760</b>	<b>PEV-1/4-SC-0D</b>
	G1/4	Adjustable	Plug, square design to DIN EN 175 301, type A	<b>175250</b>	<b>PEV-1/4-B-0D</b>
	G1/4	Adjustable	Plug socket MSSD-C-4P	<b>10773</b>	<b>PEV-1/4-B</b>

Ordering data – Angled plug socket PEV					Datasheets → Internet: pev-1/4	
	Description	Operating voltage range	Electrical connection	Switching status indication	Part no.	Type
	For PEV-1/4-...-OD	15 .... 30 V DC	4-pin	Yellow LED	<b>164274</b>	<b>PEV-1/4-WD-LED-24</b>
		≤ 230 V AC ≤ 180 V DC	4-pin	Yellow LED	<b>164275</b>	<b>PEV-1/4-WD-LED-230</b>

Ordering data – Plug socket MSSD-C-4P					Datasheets → Internet: mssd-c-4p	
	Description	Operating voltage range	Electrical connection	Type of mounting for cable connection	Part no.	Type
	For PEV-1/4-...-OD	≤ 250 V AC/DC	3-pin	Clamping screws	<b>171157</b>	<b>MSSD-C-4P</b>

Ordering data – Double nipple ESK					
	Description	Pneumatic connection		Part no.	Type
	Adjustable for angular compensation • For subsequent mounting of pressure switch PEV on branching module FRM	R1/4	R1/4	<b>151521</b>	<b>ESK-1/4-1/4</b>

# Festo - Your Partner in Automation



**1 Festo Inc.**  
5300 Explorer Drive  
Mississauga, ON L4W 5G4  
Canada

**Festo Customer Interaction Center**  
Tel: 1 877 463 3786  
Fax: 1 877 393 3786  
Email: [customer.service.ca@festo.com](mailto:customer.service.ca@festo.com)



**2 Festo Pneumatic**  
Av. Ceylán 3,  
Col. Tequesquináhuac  
54020 Tlalneptla,  
Estado de México

**Multinational Contact Center**  
01 800 337 8669  
[ventas.mexico@festo.com](mailto:ventas.mexico@festo.com)



**3 Festo Corporation**  
1377 Motor Parkway  
Suite 310  
Islandia, NY 11749

**Festo Customer Interaction Center**  
1 800 993 3786  
1 800 963 3786  
[customer.service.us@festo.com](mailto:customer.service.us@festo.com)



**4 Regional Service Center**  
7777 Columbia Road  
Mason, OH 45040

Connect with us



[www.festo.com/socialmedia](http://www.festo.com/socialmedia)



[www.festo.com](http://www.festo.com)

Subject to change