

Filter regulators LFR-EX4, D series, metal

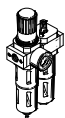
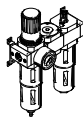
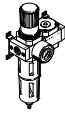
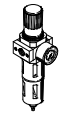
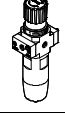
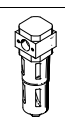
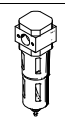
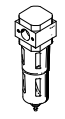
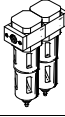
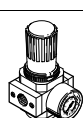
FESTO



Filter regulators LFR-EX4, D series, metal

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

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Type code		Size	Pneumatic connection	Pressure regulation range				Grade of filtration				Bowl guard		
				[bar]				[µm]				Metal bowl guard	Plastic bowl	
				0.5 ... 7	0.5 ... 12	2.5 ... 12	0.5 ... 16	0.01	1	5	40			
Service units														
FRC/FRCS		Micro	M5, M7, G1/8, QS4, QS6	■	–	–	–	–	–	■	–	–	■	
		Mini	G1/8, G1/4, G3/8	■	■	–	–	–	–	■	■	■	–	
		Midi	G1/4, G3/8, G1/2, G3/4	■	■	–	–	–	–	■	■	■	–	
		Maxi	G1/2, G3/4, G1	■	■	–	–	–	–	■	■	■	–	
Service unit combinations														
FRC-K		Micro	–	–	–	–	–	–	–	–	–	–	–	
		Mini	G1/8, G1/4	–	■	■	–	–	–	–	■	■	–	
		Midi	G1/4, G3/8, G1/2	–	■	■	–	–	–	–	■	■	–	
		Maxi	G1/2, G3/4	–	■	■	–	–	–	–	■	■	–	
LFR-K LFRS-K		Micro	–	–	–	–	–	–	–	–	–	–	–	
		Mini	G1/8, G1/4	–	■	■	–	–	–	–	■	■	–	
		Midi	G1/4, G3/8, G1/2	–	■	■	–	–	–	–	■	■	–	
		Maxi	G1/2, G3/4	–	■	■	–	–	–	–	■	■	–	
Individual components														
Filter regulators LFR/LFRS		Micro	M5, M7, G1/8, QS4, QS6	■	–	–	–	–	–	■	–	–	■	
		Mini	G1/8, G1/4, G3/8	■	■	–	–	–	–	■	■	■	–	
		Midi	G1/4, G3/8, G1/2, G3/4	■	■	–	–	–	–	■	■	■	–	
		Maxi	G1/2, G3/4, G1	■	■	–	–	–	–	■	■	■	–	
Filter regulators LFR-EX4		Micro	–	–	–	–	–	–	–	–	–	–	–	
		Mini	–	–	–	–	–	–	–	–	–	–	–	
		Midi	G1/4, G1/2, NPT1/4, NPT1/2	–	■	–	■	–	–	■	■	■	–	
		Maxi	–	–	–	–	–	–	–	–	–	–	–	
Filters LF		Micro	M5, M7, G1/8, QS4, QS6	–	–	–	–	–	–	■	–	–	■	
		Mini	G1/8, G1/4, G3/8	–	–	–	–	–	–	■	■	■	–	
		Midi	G1/4, G3/8, G1/2, G3/4	–	–	–	–	–	–	■	■	■	–	
		Maxi	G1/2, G3/4, G1	–	–	–	–	–	–	■	■	■	–	
Fine and micro filters LFMA/LFMB		Micro	–	–	–	–	–	■	■	–	–	■	–	
		Mini	G1/8, G1/4, G3/8	–	–	–	–	–	■	■	–	–	■	–
		Midi	G1/4, G3/8, G1/2, G3/4	–	–	–	–	–	■	■	–	–	■	–
		Maxi	G1/2, G3/4, G1	–	–	–	–	–	■	■	–	–	■	–
Activated carbon filters LFX		Micro	–	–	–	–	–	–	–	–	–	–	–	
		Mini	G1/8, G1/4, G3/8	–	–	–	–	–	–	–	–	–	■	–
		Midi	G1/4, G3/8, G1/2, G3/4	–	–	–	–	–	–	–	–	–	■	–
		Maxi	G1/2, G3/4, G1	–	–	–	–	–	–	–	–	–	■	–
Filter combinations LFMBA		Micro	–	–	–	–	–	■	■	–	–	■	–	
		Mini	G1/8, G1/4, G3/8	–	–	–	–	–	■	■	–	–	■	–
		Midi	G1/4, G3/8, G1/2, G3/4	–	–	–	–	–	■	■	–	–	■	–
		Maxi	G1/2, G3/4, G1	–	–	–	–	–	■	■	–	–	■	–
Pressure regulators LR/LRS		Micro	M5, M7, G1/8, QS4, QS6	■	–	–	–	–	–	–	–	–	–	
		Mini	G1/8, G1/4, G3/8	■	■	–	–	–	–	–	–	–	–	
		Midi	G1/4, G3/8, G1/2, G3/4	■	■	–	–	–	–	–	–	–	–	
		Maxi	G1/2, G3/4, G1	■	■	–	–	–	–	–	–	–	–	

Filter regulators LFR-EX4, D series, metal

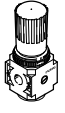
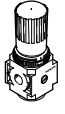
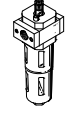
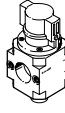
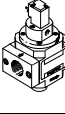
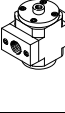
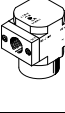
Product range overview – Service unit components, D series, metal

Type code	Size	Condensate drain			Pressure indication		Actuator lock		Options			EU certification	→ Page/ Internet
		Manual rotary	Semi-automatic	Fully automatic	With pressure gauge	Without pressure gauge	Rotary knob with detent	Rotary knob with integrated lock	Directly actuated pressure regulator with integrated return flow function	Pilot actuated pressure regulator with integrated return flow function	Differential pressure indicator	ATEX II 2GD	
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 components													
Filter regulators LFR/LFRS	Micro	■	■	–	■	■	■	–	–	–	–	–	lfr
	Mini	■	–	■	■	■	■	■	–	–	–	–	
	Midi	■	–	■	■	■	■	■	–	–	–	–	
	Maxi	■	–	■	■	■	■	■	■	■	–	–	
Filter regulators LFR-EX4	Micro	–											6
	Mini	–											
	Midi	■	–	–	–	■	■	–	–	–	–	■	
	Maxi	–											
Filters LF	Micro	■	■	–	–	–	–	–	–	–	–	–	lf
	Mini	■	–	■	–	–	–	–	–	–	–	–	
	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	Micro	–	–	–	■	■	■	–	–	–	–	–	lr
	Mini	–	–	–	■	■	■	■	■	–	–	–	
	Midi	–	–	–	■	■	■	■	■	–	–	–	
	Maxi	–	–	–	■	■	■	■	■	■	–	–	

Filter regulators LFR-EX4, D series, metal

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

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Type code	Size	Pneumatic connection	Pressure regulation range		Bowl guard	
			[bar]		Metal bowl guard	Plastic bowl
			0.5 ... 7	0.5 ... 12		
Individual components						
Pressure regulators LRB/LRBS		Micro	–			
		Mini	G ¹ / ₄	■	■	–
		Midi	G ³ / ₈	■	■	–
		Maxi	–			
Pressure regulator manifolds LRB-K		Micro	–			
		Mini	G ¹ / ₄ , G ³ / ₈	■	■	–
		Midi	G ³ / ₈ , G ¹ / ₂	■	■	–
		Maxi	–			
Lubricators LOE		Micro	M5, M7, G ¹ / ₈ , QS4, QS6	–	–	■
		Mini	G ¹ / ₈ , G ¹ / ₄ , G ³ / ₈	–	–	–
		Midi	G ¹ / ₄ , G ³ / ₈ , G ¹ / ₂ , G ³ / ₄	–	–	–
		Maxi	G ¹ / ₂ , G ³ / ₄ , G1	–	–	–
On/off valves HE		Micro	–			
		Mini	G ¹ / ₈ , G ¹ / ₄ , G ³ / ₈	–	–	–
		Midi	G ¹ / ₄ , G ³ / ₈ , G ¹ / ₂ , G ³ / ₄	–	–	–
		Maxi	G ¹ / ₂ , G ³ / ₄ , G1	–	–	–
On/off valves HEE		Micro	–			
		Mini	G ¹ / ₈ , G ¹ / ₄ , G ³ / ₈	–	–	–
		Midi	G ¹ / ₄ , G ³ / ₈ , G ¹ / ₂ , G ³ / ₄	–	–	–
		Maxi	G ¹ / ₂ , G ³ / ₄ , G1	–	–	–
On/off valves HEP		Micro	–			
		Mini	G ¹ / ₈ , G ¹ / ₄ , G ³ / ₈	–	–	–
		Midi	G ¹ / ₄ , G ³ / ₈ , G ¹ / ₂ , G ³ / ₄	–	–	–
		Maxi	G ¹ / ₂ , G ³ / ₄ , G1	–	–	–
Soft-start valves HEL		Micro	–			
		Mini	G ¹ / ₈ , G ¹ / ₄ , G ³ / ₈	–	–	–
		Midi	G ¹ / ₄ , G ³ / ₈ , G ¹ / ₂ , G ³ / ₄	–	–	–
		Maxi	G ¹ / ₂ , G ³ / ₄ , G1	–	–	–
Membrane air dryers LDM1		Micro	–			
		Mini	–			
		Midi	–			
		Maxi	G ¹ / ₂ , G ³ / ₄ , G1	–	–	■
Branching modules FRM		Micro	–			
		Mini	G ¹ / ₈ , G ¹ / ₄ , G ³ / ₈	–	–	–
		Midi	G ¹ / ₄ , G ³ / ₈ , G ¹ / ₂ , G ³ / ₄	–	–	–
		Maxi	G ¹ / ₂ , G ³ / ₄ , G1	–	–	–
Distributor block FRZ		Micro	–	–	–	–
		Mini	–	–	–	–
		Midi	–	–	–	–
		Maxi	–	–	–	–

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

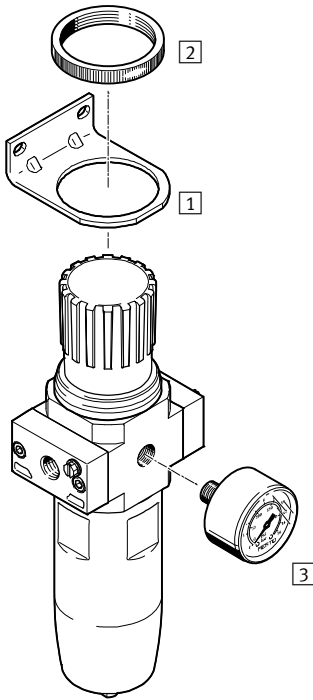
Type code	Size	Pressure indication		Actuator lock		Supply voltage			Options		→ Page/ Internet
		With pressure gauge	Without pressure gauge	Rotary knob with detent	Rotary knob with integrated lock	24 V DC	110 V AC	230 V AC	Non-return function	Pressure switch	
Individual components											
Pressure regulators LRB/LRBS	Micro	-									lrb
	Mini	-	■	■	■	-	-	-	-	-	
	Midi	-	■	■	■	-	-	-	-	-	
	Maxi	-									
Pressure regulator manifolds 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 HEE	Micro	-									hee
	Mini	-	■	-	-	■	■	■	-	-	
	Midi	-	■	-	-	■	■	■	-	-	
	Maxi	-	■	-	-	■	■	■	-	-	
On/off valves 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	-									frm
	Mini	-	■	-	-	-	-	-	■	■	
	Midi	-	■	-	-	-	-	-	■	■	
	Maxi	-	■	-	-	-	-	-	■	■	
Distributor block FRZ	Micro	-	■	-	-	-	-	-	-	-	frz
	Mini	-	■	-	-	-	-	-	-	-	
	Midi	-	■	-	-	-	-	-	-	-	
	Maxi	-	■	-	-	-	-	-	-	-	

Filter regulators LFR-EX4, D series, metal

Peripherals overview

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Midi



Mounting components and accessories		→ Page/Internet
1	Mounting bracket HR-D-R3	12
2	Knurled nut (included in the delivery) HMR	–
3	Pressure gauge MA	12

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Type codes

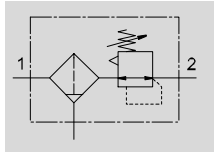
		LFR	–	1/2	–	D	–	16	–	5M	–	0	–	MIDI	–	T3	–	EX4
Basic function																		
LFR	Filter regulator																	
Pneumatic connection																		
1/4	Connecting plates with G $\frac{1}{4}$ threaded connection																	
1/2	Connecting plates with G $\frac{1}{2}$ threaded connection																	
N1/4	Connecting plates with NPT $\frac{1}{4}$ threaded connection																	
N1/2	Connecting plates with NPT $\frac{1}{2}$ threaded connection																	
Series																		
D	Series																	
Pressure regulation range																		
	0.5 ... 12 bar																	
16	0.5 ... 16 bar																	
Grade of filtration																		
	40 μ m																	
5M	5 μ m																	
Pressure gauge																		
0	Without pressure gauge																	
Size																		
MIDI	Grid dimension 55 mm (without connecting plates)																	
Temperature range [°C]																		
T18	–20 ... +80																	
T3	–40 ... +80																	
EU certification																		
EX4	ATEX II 2GD																	

Filter regulators LFR-EX4, D series, metal

Technical data

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Function



-  - Flow rate
1150 ... 3400 l/min
-  - Temperature range
-40 ... +80 °C
-  - Operating pressure
1 ... 20 bar



- Space-saving design with filter and regulator in a single unit
- Good particle separation and high flow rate
- Good regulation characteristics with minimal hysteresis
- Robust housing for the specific requirements of the process automation industry
- Suitable for use outdoors and at temperatures down to -40 °C
- Resistant to UV radiation and corrosive environments
- Two pressure regulation ranges: 0.5 ... 12 bar and 0.5 ... 16 bar
- Two pressure gauge connections for flexible installation
- Set values are secured by the detent on the rotary knob
- Suitable for use in potentially explosive environments in zones 1 and 21
- New filter cartridges → 12

General technical data				
Size	Midi			
Pneumatic connection 1, 2 ¹⁾	G $\frac{1}{4}$	G $\frac{1}{2}$	NPT $\frac{1}{4}$ -18	NPT $\frac{1}{2}$ -14
Design	Filter regulator without pressure gauge			
Type of mounting	Via accessories			
	In-line installation			
Mounting position	Vertical $\pm 5^\circ$			
Grade of filtration [µm]	5			
	40			
Air quality class at the outlet	Compressed air to ISO 8573-1:2010 [6:8:4] (grade of filtration 5 µm)			
	Compressed air to ISO 8573-1:2010 [7:8:4] (grade of filtration 40 µm)			
	Inert gases			
Bowl guard	Integrated as metal bowl guard			
Condensate drain	Manual rotary			
Actuator lock	Rotary knob with detent			
Pressure regulation range [bar]	0.5 ... 12			
	0.5 ... 16 (0.5 ... 12 in the temperature range +60 ... +80 °C)			
Max. pressure hysteresis [bar]	0.2			
Pressure indication	G $\frac{1}{4}$ prepared			
Max. condensate volume [cm ³]	42			

1) Connecting plates with female thread

Standard nominal flow rate $q_{nN}^{1)}$ [l/min]				
Type	LFR-...-T18		LFR-...-T3	
Pneumatic connection 1, 2	G $\frac{1}{4}$, NPT $\frac{1}{4}$ -18	G $\frac{1}{2}$, NPT $\frac{1}{2}$ -14	G $\frac{1}{4}$, NPT $\frac{1}{4}$ -18	G $\frac{1}{2}$, NPT $\frac{1}{2}$ -14
Pressure regulation range 0.5 ... 12 bar				
Grade of filtration	40 µm	2000	3400	2000
	5 µm	1600	2600	1600
Pressure regulation range 0.5 ... 16 bar				
Grade of filtration	40 µm	1475	1970	1190
	5 µm	1370	1665	1150

1) Measured at $p_1 = 10$ bar, $p_2 = 6$ bar and $\Delta p = 1$ bar.

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Technical data

Operating and environmental conditions		
Type	LFR-...-T18	LFR-...-T3
Operating pressure [bar]	1 ... 20	
Operating medium	Compressed air according to ISO 8573-1:2010 [–:9:–]	
	Inert gases	
Ambient temperature [°C]	–20 ... +80	–40 ... +80
Temperature of medium [°C]	–20 ... +80	–40 ... +80
Storage temperature [°C]	–20 ... +80	–40 ... +80
Corrosion resistance class CRC ¹⁾	3	

- 1) Corrosion resistance class CRC 3 to Festo standard FN 940070
High corrosion stress. Outdoor exposure under moderate corrosive conditions. External visible parts with primarily functional requirements for the surface and which are in direct contact with a normal industrial environment.

ATEX		
Type code	LFR-...-T18-EX4	LFR-...-T3-EX4
ATEX category for gas	II 2G	
Type of ignition protection for gas	Ex h IIC T6 Gb X	
ATEX category for dust	II 2D	
Type of ignition protection for dust	Ex h IIIC T85°C Db X	
Explosion-proof temperature	–20 °C ≤ Ta ≤ +80 °C	–40 °C ≤ Ta ≤ +80 °C
CE marking (see declaration of conformity) ¹⁾	To EU Explosion Protection Directive (ATEX)	

- 1) Additional information www.festo.com/sp → Certificates.

Weight [g]	
Size	Midi
Filter regulator LFR-...-EX4	1400

Materials	
Housing	Die-cast zinc
Connecting plates	Die-cast zinc/aluminium
Regulating knob	POM
Knurled nut	Aluminium
Bowl	Wrought aluminium alloy
Seals	NBR
Note on materials	RoHS-compliant

Filter regulators LFR-EX4, D series, metal

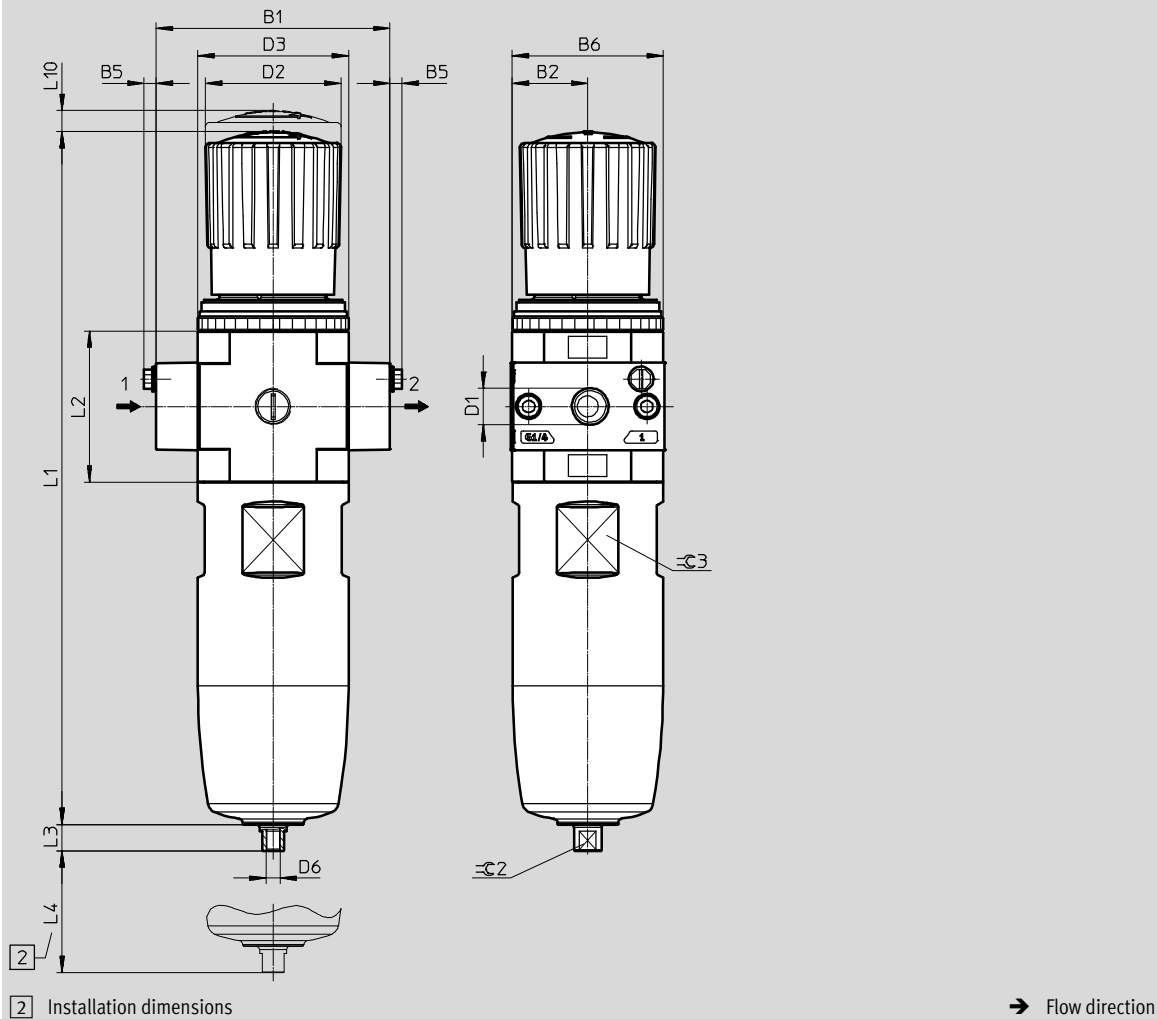
Technical data

FESTO

Dimensions

Download CAD data → www.festo.com

Midi



Type code	B1	B2	B5	B6	D1	D2 Ø	D3	D6
LFR-1/4-...-MIDI	85	27.5	~4.5	55	G $\frac{1}{4}$	49	M52x1.5	M5
LFR-1/2-...-MIDI					G $\frac{1}{2}$			
LFR-N1/4-...-MIDI					NPT $\frac{1}{4}$ -18			
LFR-N1/2-...-MIDI					NPT $\frac{1}{2}$ -14			

Type code	L1	L2	L3	L4 min.	L10	≈ 2	≈ 3
LFR-1/4-...-MIDI	252.5	55	9.5	80	2.5	8	50
LFR-1/2-...-MIDI							
LFR-N1/4-...-MIDI							
LFR-N1/2-...-MIDI							

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

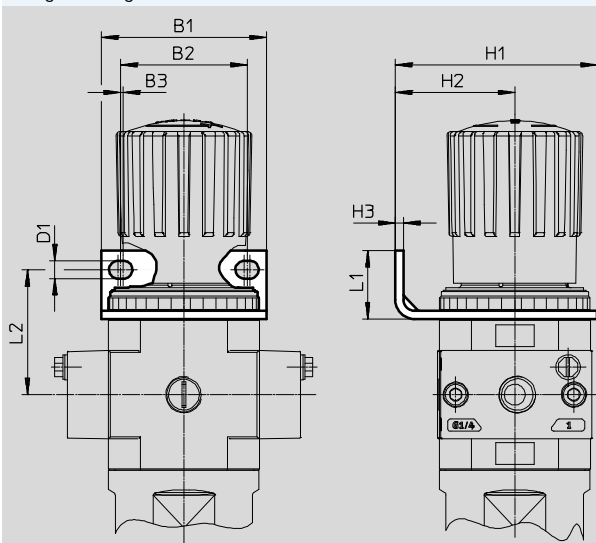
Filter regulators LFR-EX4, D series, metal

Technical data

Dimensions – Accessories

Download CAD data → www.festo.com

Using mounting bracket HR-D-R3



Mounting bracket HR-D-R3
→ page 12

B1	B2	B3	D1	H1	H2	H3	L1	L2
60	46	1	6.5	73.5	43.5	3	25	45.5

Ordering data

Temperature range –20 ... +80 °C, rotary knob with detent, connecting plates with threaded connection

Size	Connection	Grade of filtration 5 µm		Grade of filtration 40 µm	
		Part No.	Type code	Part No.	Type code
Pressure regulation range 0.5 ... 12 bar					
Midi	G $\frac{1}{4}$	4772764	LFR-1/4-D-5M-O-MIDI-T18-EX4	4772765	LFR-1/4-D-O-MIDI-T18-EX4
	G $\frac{1}{2}$	4772768	LFR-1/2-D-5M-O-MIDI-T18-EX4	4772769	LFR-1/2-D-O-MIDI-T18-EX4
	NPT $\frac{1}{4}$ -18	4772772	LFR-N1/4-D-5M-O-MIDI-T18-EX4	4772773	LFR-N1/4-D-O-MIDI-T18-EX4
	NPT $\frac{1}{2}$ -14	4772776	LFR-N1/2-D-5M-O-MIDI-T18-EX4	4772777	LFR-N1/2-D-O-MIDI-T18-EX4
Pressure regulation range 0.5 ... 16 bar					
Midi	G $\frac{1}{4}$	4772766	LFR-1/4-D-16-5M-O-MIDI-T18-EX4	4772767	LFR-1/4-D-16-O-MIDI-T18-EX4
	G $\frac{1}{2}$	4772770	LFR-1/2-D-16-5M-O-MIDI-T18-EX4	4772771	LFR-1/2-D-16-O-MIDI-T18-EX4
	NPT $\frac{1}{4}$ -18	4772774	LFR-N1/4-D-16-5M-O-MIDI-T18-EX4	4772775	LFR-N1/4-D-16-O-MIDI-T18-EX4
	NPT $\frac{1}{2}$ -14	4772778	LFR-N1/2-D-16-5M-O-MIDI-T18-EX4	4772779	LFR-N1/2-D-16-O-MIDI-T18-EX4

Ordering data

Temperature range –40 ... +80 °C, rotary knob with detent, connecting plates with threaded connection

Size	Connection	Grade of filtration 5 µm		Grade of filtration 40 µm	
		Part No.	Type code	Part No.	Type code
Pressure regulation range 0.5 ... 12 bar					
Midi	G $\frac{1}{4}$	5271792	LFR-1/4-D-5M-O-MIDI-T3-EX4	5271793	LFR-1/4-D-O-MIDI-T3-EX4
	G $\frac{1}{2}$	5271796	LFR-1/2-D-5M-O-MIDI-T3-EX4	5271797	LFR-1/2-D-O-MIDI-T3-EX4
	NPT $\frac{1}{4}$ -18	5271800	LFR-N1/4-D-5M-O-MIDI-T3-EX4	5271801	LFR-N1/4-D-O-MIDI-T3-EX4
	NPT $\frac{1}{2}$ -14	5271804	LFR-N1/2-D-5M-O-MIDI-T3-EX4	5271805	LFR-N1/2-D-O-MIDI-T3-EX4
Pressure regulation range 0.5 ... 16 bar					
Midi	G $\frac{1}{4}$	5271794	LFR-1/4-D-16-5M-O-MIDI-T3-EX4	5271795	LFR-1/4-D-16-O-MIDI-T3-EX4
	G $\frac{1}{2}$	5271798	LFR-1/2-D-16-5M-O-MIDI-T3-EX4	5271799	LFR-1/2-D-16-O-MIDI-T3-EX4
	NPT $\frac{1}{4}$ -18	5271802	LFR-N1/4-D-16-5M-O-MIDI-T3-EX4	5271803	LFR-N1/4-D-16-O-MIDI-T3-EX4
	NPT $\frac{1}{2}$ -14	5271806	LFR-N1/2-D-16-5M-O-MIDI-T3-EX4	5271807	LFR-N1/2-D-16-O-MIDI-T3-EX4

Filter regulators LFR-EX4, D series, metal

Accessories

FESTO

Mounting bracket HR-D-R3

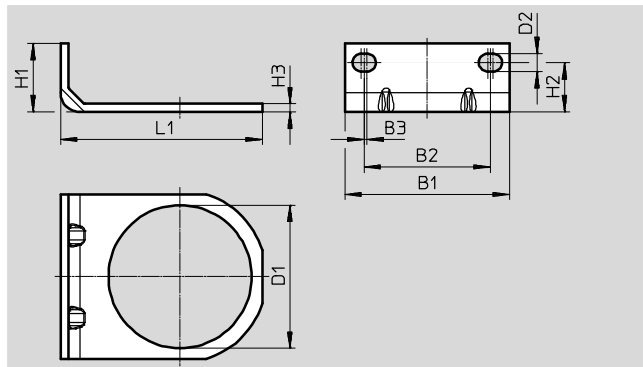
- For wall mounting an individual component

Materials:

Steel

Note on materials:

RoHS-compliant



Dimensions								
B1	B2	B3	D1 Ø	D2	H1	H2	H3	L1
60	46	1	52.1	6.5	25	18	3	73.5

Ordering data				
Size	CRC ¹⁾	Weight [g]	Part No.	Type code
Midi	3	73	4650310	HR-D-R3

1) Corrosion resistance class CRC 3 to Festo standard FN 940070

High corrosion stress. Outdoor exposure under moderate corrosive conditions. External visible parts with primarily functional requirements for the surface and which are in direct contact with a normal industrial environment.

Filter cartridges, D series, metal design



Ordering data			
Size	Grade of filtration [µm]	Part No.	Type code
Midi	5 (colour: blue)	159594	LFP-D-MIDI-5M
	40 (colour: white)	363667	LFP-D-MIDI-40M

Ordering data – Pressure gauge MA					Technical data → Internet: ma	
	Nominal size	Pneumatic connection	Display range		Part No.	Type code
			[bar]	[psi]		
EN 837-1	40	G1/4	0 ... 16	0 ... 232	183901	MA-40-16-G1/4-EN
			0 ... 25	0 ... 360	183902	MA-40-25-G1/4-EN