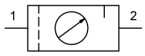
Partnership. With Guarantee.

Maintenance unit 1"
Series FRL





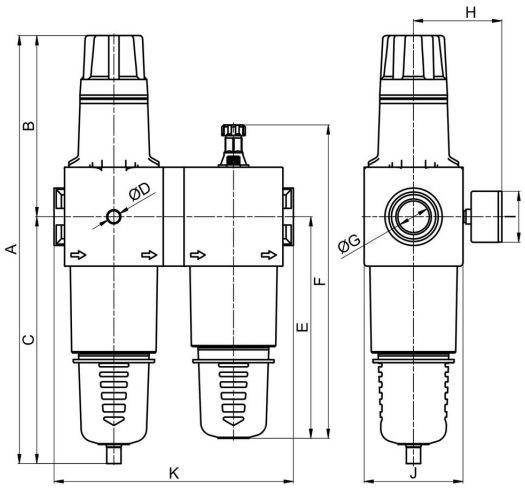
Design type	Diaphragm pressure regulator with secondary venting, Centrifugal force principle filter, Sintered filter element, Proportional lubricator, Protective cage
Connection	G1" according to ISO228/1
Materials	Housing Acetal resin (POM), Threaded connections Brass, Reservoir Polyamide, Protective cage PE, Seals NBR
Function	Pressure regulation plus filtration plus enrichment of the compressed air with oil
Mounting type	Installation in piping system or Wall mounting using mounting bracket
Mounting position	vertical, Condensate and oil reservoir downward
Medium	Compressed air
Medium temperature	+5...+50°C
Ambient temperature	+5...+50°C
Inlet pressure	max. 12,5bar, 1,5...10bar with automatic drain valve K-SA
Control ranges	see "Order code"
Flow direction	is marked by an arrow
Condensate drain valve	manual or semi-automatic
Reservoir volume	Filter regulator and Lubricator 440cm³
Oil metering	1-2 drops per minute, with flow through the unit
recommended oil	after ISO VG 32, STASTO pneumatic oil HP32A
Scope of delivery	including Pressure gauge Ø50mm

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Order code

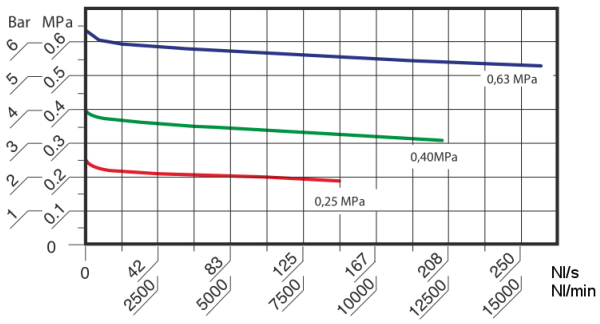
		FRL - 10 - 20 - 08 - R - PE - SS
Connection	1"	10
Filter element	20µm	20
	5µm	5
Pressure range	0,5...4bar	04
	0,5...8bar	08
	0,5...12bar	12
Secondary exhaust venting	with secondary exhaust air release	R
Reservoir	Plastic bowl with protective guard	PE
Drain valve	Manual drain valve	SS
	automatic drain valve	SA

Dimensions



Connection G	A	B	C	D	E	F	H	I	J	K	Weight [approx. kg]	Type
G1"	411	174	237	G1/4"	212,5	300,5	~85	50	95	230	3,37	FRL-10-20-08-R-PE-SS

Flow diagram

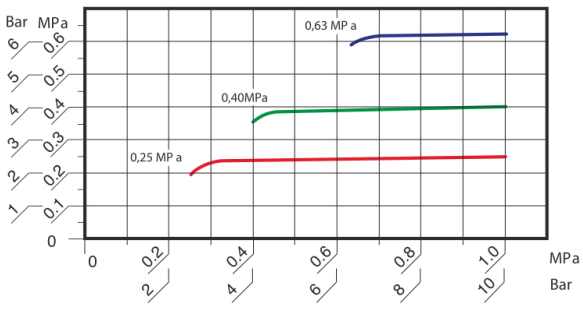


Inlet pressure = 10bar

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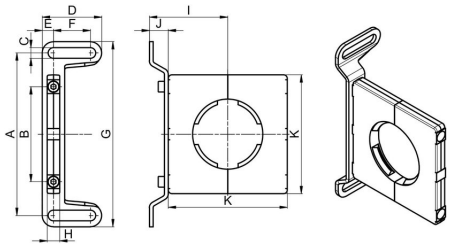
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Control characteristic



Flow rate constant = 1500Nl/min
horizontal axis: Inlet pressure
vertical axis: Outlet pressure

Accessories



A	B	C	D	E	F	G	H	I	J	K	Type
130	76	8,5	47,5	9	29,5	148	10	62,5	15	95	K-WBF-A

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