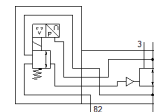
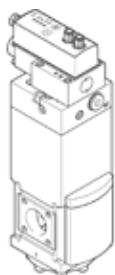


electrical pressure regulator

PREL-90-HP3-V1-V-20CFX-S1-2

Part number: 1709129

FESTO



Data sheet

Feature	Value
Size	90
Nominal diameter DN	24
Series	L
Assembly position	Vertical
Type of actuation	electrical
Design structure	Electrically adjustable pressure regulator
Controller function	Output pressure constant with initial pressure compensation with secondary exhaust
Operating pressure MPa	0 ... 5 MPa
Operating pressure	0 ... 50 bar
Pressure regulation range	0.5 ... 20 bar
Nominal operating voltage DC	24 V
Signal range, analogue output	0 - 10 V
Signal range, analogue input	0 - 10 V
SETPOINT/ACTUAL values	Voltage type 0 - 10 V
Authorisation	SE Type Test Certification
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364 zone III
Storage temperature	-10 ... 60 °C
Food-safe	See Supplementary material information
Medium temperature	5 ... 50 °C
Ambient temperature	5 ... 50 °C
Product weight	6,100 g
Electrical connection IN	Plug, M12, 5-pin, A-coded
Electrical connection OUT	Plug, M12, 5-pin, A-coded
Mounting type	on service unit with accessories Optional
Pneumatic connection, port 1	G1
Pneumatic connection, 11	G1/4
Pneumatic connection, port 2	G1
Pneumatic port 22	G1/4
Pneumatic connection, port 3	G1
Pneumatic port 82	G3/8
Materials note	Conforms to RoHS
Material underneath cover	Anodised aluminium
Material spring	Spring steel
Material housing	Anodised aluminium