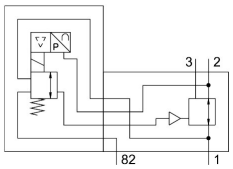
Electrical pressure regulator
PREL-90-HP3-V1-A-40CFX-S2-3

Part number: 1709131



Data sheet

Feature	Value
Size	90
Nominal size DN	24
Series	L
Mounting position	Vertical
Type of actuation	Electrical
Design	Electrically adjustable pressure regulator
Controller function	Output pressure constant With primary pressure compensation With secondary exhausting
Operating pressure	0 MPa...5 MPa 0 bar...50 bar
Pressure regulation range	0.6 bar...40 bar
Nominal operating voltage DC	24 V
Signal range analogue output	4 - 20 mA
Signal range analogue input	0 - 10 V
SETPOINT/ACTUAL values	Voltage type 0 - 10 V
Approval	Special Equipment Type Test Certification
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gas
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Storage temperature	-10 °C...60 °C
Suitable for use with food	See supplementary material information
Media temperature	5 °C...50 °C
Ambient temperature	5 °C...50 °C
Product weight	6100 g
Electrical connection, IN	Plug connector, M12, 5-pin, A-coded
Electrical connection, OUT	Plug connector, M12, 5-pin, A-coded
Type of mounting	Either: On service unit With accessories
Pneumatic connection, port 1	G1
Pneumatic connection, port 11	G1/4

Feature	Value
Pneumatic connection, port 2	G1
Pneumatic port 22	G1/4
Pneumatic connection, port 3	G1
Pneumatic port 82	G3/8
Note on materials	RoHS compliant
Material underneath cover	Anodised aluminium
Material spring	Spring steel
Material housing	Anodised aluminium