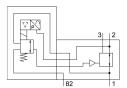# Electric pressure regulator PREL-90-HP3-V1-V-20CFX-S1-2

Part number: 1709129

Data sheet

Feature	Value
Size	90
Nominal width DN	24
Series	L
Mounting position	Vertical
Actuation type	Electrical
Structural design	Electrically adjustable pressure regulator
Controller function	Outlet pressure constant With primary pressure compensation With secondary exhausting
Operating pressure	0 MPa...5 MPa 0 bar...50 bar
Pressure regulation range	0.5 bar...20 bar
Nominal operating voltage DC	24 V
Analog output signal range	0 - 10 V
Analog input signal range	0 - 10 V
Setpoint/actual values	Voltage type 0 - 10 V
Certification	Special Equipment Type Test Certification
Operating medium	Compressed air as per 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 ℃...60 ℃
For use in the food industry	See supplementary material information
Temperature of medium	5 ℃...50 ℃
Ambient temperature	5 ℃...50 ℃
Product weight	6100 g
Electrical connection IN	Plug, M12, 5-pin, A-coded
Electrical connection OUT	Plug, M12, 5-pin, A-coded
Type of mounting	Optionally: On service unit With accessories
Pneumatic connection 1	G1
Pneumatic connection 11	G1/4

Feature	Value
Pneumatic connection 2	G1
Pneumatic connection 22	G¼
Pneumatic connection 3	G1
Pneumatic connection 82	G3/8
Note on materials	RoHS-compliant
Lower cover material	Aluminum, anodized
Material of spring	Spring steel
Housing material	Aluminum, anodized