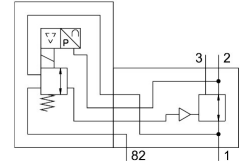
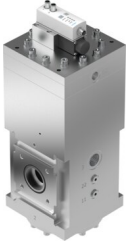


Electric pressure regulator PREL-186-HP3-V1-V-40CFX-1

Part number: 1709212

FESTO



[General operating condition](#)

Data sheet

Feature	Value
Size	186
Nominal width DN	45
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
Symbol	00995417
Operating pressure	0 MPa ... 5 MPa
Operating pressure	0 bar ... 50 bar
Pressure regulation range	0.4 bar ... 40 bar
Max. pressure hysteresis	0.806 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
CE marking (see declaration of conformity)	as per EU pressure equipment directive
UKCA marking (see declaration of conformity)	according to UK regulations for pressure equipment
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 °C ... 60 °C
For use in the food industry	See supplementary material information
Temperature of medium	5 °C ... 50 °C
Ambient temperature	5 °C ... 50 °C
Electrical connection IN	Plug, M12, 5-pin, A-coded
Electrical connection OUT	Plug, M12, 5-pin, A-coded
Type of mounting	With accessories
Pneumatic connection 1	G1
Pneumatic connection 11	G1/4
Pneumatic connection 2	G1

Feature	Value
Pneumatic connection 22	G1/4
Pneumatic connection 3	G1
Pneumatic connection 82	G1/2
Note on materials	RoHS-compliant
Lower cover material	Aluminum, anodized
Material of spring	Spring steel
Housing material	Aluminum, anodized