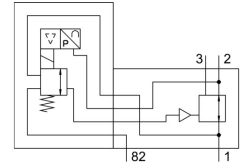
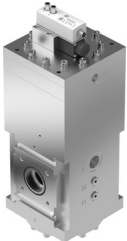


Electric pressure regulator PREL-186-HP3-V1-A-40CFX-1

Part number: 1709211

FESTO



Data sheet

Feature	Value
Size	186
Nominal width DN	45
Type code	PREL
Series	L
Mounting position	Vertical
Actuation type	Electrical
Design	Electrically adjustable pressure regulator
Controller function	Outlet pressure constant With primary pressure compensation With secondary exhausting
Symbol	00995417
Operating pressure	0 bar ... 50 bar
Operating pressure	0 MPa ... 5 MPa
Pressure regulation range	0.4 bar ... 40 bar
Max. pressure hysteresis	0.1 bar
Nominal operating voltage DC	24 V
Analog output signal range	4 - 20 mA
Analog input signal range	0 - 10 V
Setpoint/actual values	Voltage type 0 - 10 V
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas
CE marking (see declaration of conformity)	as per EU pressure equipment directive
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
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
Certification	Special Equipment Type Test Certification
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
Pneumatic connection 2	G1
Pneumatic connection 22	G1/4

Feature	Value
Pneumatic connection 3	G1
Pneumatic connection 82	G1/2
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Lower cover material	Aluminum Anodized
Material of spring	Spring steel
Housing material	Aluminum Anodized