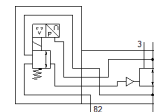
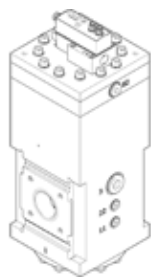


# electrical pressure regulator PREL-186-HP3-V1-A-40CFX-1

Part number: 1709211

FESTO



## Data sheet

Feature	Value
Size	186
Nominal diameter DN	45
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	0 ... 50 bar
Pressure regulation range	0.4 ... 40 bar
Max. pressure hysteresis	0.1 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
Authorisation	SE Type Test Certification
CE mark (see declaration of conformity)	to EU directive pressure devices
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Storage temperature	-10 ... 60 °C
Food-safe	See Supplementary material information
Medium temperature	5 ... 50 °C
Ambient temperature	5 ... 50 °C
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	G1/2
Materials note	Contains PWIS substances Conforms to RoHS
Material underneath cover	Aluminium Anodised
Material spring	Spring steel
Material housing	Aluminium Anodised