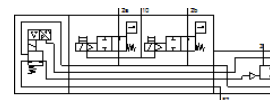
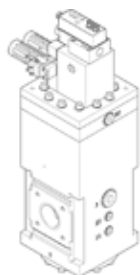


# Electrical pressure regulator PREL-186-HP3-A4-A-40CFX2-1

Part number: 1709210

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
Safety function	Exhausting the control chamber
Performance level (PL)	Exhausting the control chamber/category 3, Performance Level d
Working 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, analog output	4 - 20 mA
Signal range, analog input	4 - 20 mA
SETPOINT/ACTUAL values	Current type 4 - 20 mA
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases
CE symbol (see declaration of conformity)	according to EU printing device guideline according to EU machines guideline
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
Authorization	SE Type Test Certification
Electrical connection IN	Plug, M12, 5-pin, A-coded
Electrical connection OUT	Plug, M12, 5-pin, A-coded
Mounting type	Optional on service unit with accessories
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	Aluminum Anodized
Material spring	Spring steel
Material housing	Aluminum Anodized