

ELECTRONIC PRESSURE REGULATORS

Low flow & high flow version
Precise control due to proportional valve technology

PCRL - Low Flow



PCRH - High Flow



Characteristics:

- High precision
- Fast response time
- Quiet operation
- Long lifetime

SPECIFICATIONS

	PCRL - Low Flow	PCRH - High Flow
Media	Air, Inert gases (optional oxygen)	
Pressure ranges	0 - 3.4 bar 0 - 6.8 bar	
Ambient temperature	0 - 70°C	
Related voltage	12 VDC 24 VDC	
Cv	0.02	0.30
Response time	1 sec.	
Pressure accuracy (typical)	+/- 0,5% (full span)	
Linearity (typical)	+/- 0,5% (full span)	
Connections	10-32 UNF	1/4" NPSF (Relief 10-32UNF)
Internal valve wetted materials	Cold-rolled stainless steel w/electroless nickel plating, brass, 304 and 403 stainless steel, FKM seals, Nylon, Aluminum	
Control signals	0 - 5 V 0 - 10 V	
Output signal	0 - 5 V	
Power supply	12 VDC 24 VDC	
Power consumption	max. 200 mA	
Weight	approx. 273 g	approx. 363 g