

Media: air / inert gas
 Pressure range: 0.05 to 9 Bar
 Max Inlet: 10 Bar
 Ambient temperature: 0° to +50° C
 Mounting: any position
 Protection: IP65
 Input: 0-20mA, 4-20mA, 0-5v or 0-10v
 Output: 1-5v, NPN, PNP or 4-20mA
 Voltage: 24vDC

Proportional Regulator

0-20mA, 4-20mA, 0-5V or 0-10v
 24vDC
 0.005 to 0.9 MPa
 Port: 1/4 or 3/8
TYPE EPV2-50



PRESSURE

Pressure Range (Mpa / Bar)	Input Signal	Output Signal	Part Number	Port BSP (G)
0.005 to 0.9 Mpa 0.05 to 9 Bar	4 to 20mA (0)	Analogue: DC1-5V (1) Switch: NPN Output (2) Switch: PNP Output (3) Analogue: DC4-20mA (4)	EPV2-50 01 + port EPV2-50 02 + port EPV2-50 03 + port EPV2-50 04 + port	1/4 (F2) Or 3/8 (F3)
	0 to 20mA (1)	Analogue: DC1-5V (1) Switch: NPN Output (2) Switch: PNP Output (3) Analogue: DC4-20mA (4)	EPV2-50 11 + port EPV2-50 12 + port EPV2-50 13 + port EPV2-50 14 + port	
	0 to 5v (2)	Analogue: DC1-5V (1) Switch: NPN Output (2) Switch: PNP Output (3) Analogue: DC4-20mA (4)	EPV2-50 21 + port EPV2-50 22 + port EPV2-50 23 + port EPV2-50 24 + port	
	0 to 10v (3)	Analogue: DC1-5V (1) Switch: NPN Output (2) Switch: PNP Output (3) Analogue: DC4-20mA (4)	EPV2-50 31 + port EPV2-50 32 + port EPV2-50 33 + port EPV2-50 34 + port	

OPTIONS

Cable: Straight 3mtr cable (S), Right angle 3mtr cable (L)
 Bracket: Flat bracket (B), L Bracket (C)
 Pressure: 0.005 to 0.1 MPa (EPV2-1), 0.005 to 0.5 MPa (EPV2-3)
 Thread: NPT(N), NPTF(T) or Rc (-).

ELECTRICAL DATA

Power supply:	24vDC +10% Max, 0.12Amp Max	
Input Signal:	Milliamps: 4 - 20mA, 0 - 20mA, Resistance: Below 250Ω	Volts: 0 to 5v or 0 to 10v Resistance: 605 K Ω
Preset Resistance:	24vDC approximately 4.7 K Ω	
Preset type:	4 point	
Output Signal Precision range: 6% F.S.	4 to 20mA Resistance below 250 Ω	1 to 5 Volt DC Resistance more than 1K Ω
Switch Output:	NPN-OC / PNP-OC: 30 mA	

ACCURACY

Linear: 1% F.S.	Temperature Characteristics: 2% F.S.
Hysteresis: 0.5% F.S.	Display Precision: 2% F.S.
Repeatability: 0.5% F.S.	Display Division: 1000

OVERALL DIMENSIONS

