



E/P Positioner CE100

Features

- Light weight and Compact
- Linear / Rotary Selectable
- Split range Available
- Auto/Manual function
- 4~20mA Feedback function (option)



Specifications

Items	CE100
Input Signal / Input Resistance	Standard (1/2 Split range available)
Supply Air Pressure	0.14~0.70MPa
Stroke / Angle	Linear: 10~100 mm Rotary: Lever Angle 60~90 deg.
Air Connection	Standard: Rc 1/4 (Rc 1/8 for Gauges) Option: 1/4 NPT (1/8 NPT for Gauges)
Electric Connection	Standard: G 1/2 Option: 1/2 NPT
Cable Entry Conduit	Conduit method or Pressure-tight packing method
*1 Pressure Gauge (Output Pressure)	Standard: 0.2 MPa / 0.4 MPa / 1.0 MPa Option: kPa, psi, bar
Housing Construction	Standard: Non-Explosion Proof Flameproof: Exd IIB T6 (TIIS)
Enclosure Protection	IP65 (IEC529-1989)
Cam	Standard: Linear Characteristics
Ambient Temperature	Standard: -20~83°C (Flameproof: -20~60°C) Low Temp.: -50~60°C High Temp.: 0~100°C Low Temp.: T4: -40~80°C T5: -40~65°C T6: -40~50°C
Mass	Single Acting: Approx. 2.2 kg Double Acting: Approx. 2.3 kg
Housing Material	Body: Aluminium Die-casting Cover: Aluminium Die-casting

*1 kPa, psi and bar units shall be investigated. psi is only for foreign market due to Non-SI unit.

* Supply air should be dry (dew point under than -30°C) and clean.

* Air filter (smaller than 5µm) shall be placed just preceding of supply port.

Notation Table

1	2	3	4	5	6	7	8	9
			—		/			

	Items	Specification	Notation
1	Series	CE1: E/P Positioner Dustproof & Waterproof: IP65 (IEC529-1989)	CE1
2	Housing Construction	Standard: Non-explosion proof	0
		Flameproof: Exd IIB T6 (TIIS)	5
		Air connection & Action: Analogue Feedback (Non-explosion proof)	7
3	Action / Connection	Single Rc 1/4	1
		Double Rc 1/4	2
		Single 1/4 NPT	3
		Double 1/4 NPT	4
4	Ambient Temperature	Standard	S
		Low Temp.	L
		High Temp.	H
5/9	Mounting / Cam	Linear / Back-lever Construction: 4 phases cam: Linear	B5/C5La
		Rotary / Back-lever Construction: 2 phases cam: Linear	B6/C6L
6	Pressure Gauges	0.2MPa, 0.4MPa, 1.0MPa	M2, M4, M0
		200kPa, 400kPa, 1000kPa	K2, K4, K0
		30psi, 60psi, 150psi	P2, P4, P0 *1
		2bar, 4bar, 10bar	B2, B4, B0
7	Pilot relay	Single	V1
		Double	V2
8	Input Signal	4~20mADC	M1
		4~12mADC	M2
		12~20mADC	M3

*1 No domestic sales in Japan due to Non-SI unit.