



# ELECTRO-PNEUMATIC POSITIONER EPL - LINEAR TYPE



Robust valve control device giving a confidence in reliable performance and outstanding durability under harsh working environments.

## FEATURES:

- » Easy maintenance
- » Precise calibration with simple SPAN and ZERO adjustments
- » Simple conversion to direct acting or reverse acting
- » 1/2 split range available
- » Rugged aluminum housing with corrosion-resistant coating
- » Vibration resistant design
- » Stainless steel gauges standard
- » Restricted pilot valve orifice kit for small actuators included
- » Certified for EMC (K1046/E04) in conformance with EN 61000-6-2:2001 and EN 61000-6-4:2001 by RWTUV

## OPTIONS:

- » Position transmitter (4...20mA output signal)
- » High temperature
- » Low temperature



## SPECIFICATIONS:

MODEL	EPL	
	Linear type (lever feedback)	
	Single	Double
Input signal	4 ~ 20mA DC	
Input resistance	235 ± 15Ω	
Air supply	Max. 7.0bar (100psi) free of oil, water, and moisture	
Standard stroke	10 ~ 150mm	
Pneumatic connections	Rc 1/4 or NPT 1/4	
Electrical connections	G 1/2 or NPT 1/2	
Protection class	Ex dmb IIC T6/T5, Ex ia IIC T6, IP66	
Ambient temperature	-20 ~ +70°C	
Pressure gauge	Stainless steel	
Output characteristics	Linear	
Linearity	Within ± 1.0% F.S	Within ± 1.5% F.S
Sensitivity	Within ± 0.2% F.S	Within ± 0.5% F.S
Hysteresis	Within 1.0% F.S	
Repeatability	Within ± 0.5% F.S	
Air consumption	5 LPM (Sup. 1.4 kgf/cm³)	
Flow capacity	80 LPM (Sup. 1.4 kgf/cm³)	
Material	Aluminum die-cast	
Weight	3.3 kg (with terminal box) 3.0 kg (without terminal box)	

