



Positioners

XPO-P4F (Pneumatic Positioner)



Features

- Cam characterized and force balanced
- Cast aluminum NEMA 4X housing with electrostatically applied polyester coating
- Operates on a standard 3-15 Volt PSI signal (12 PSI span, optional 24 PSI)
- Pressure gauge blocks built into the unit
- Large indicator has scaling to operate in both direct and reverse directions
- Feedback units available - call factory for details

Technical Specifications

- Input range: 3-15 PSI
- Supply pressure: <145 PSI
- Linearity error: <0.7 f.s.
- Hysteresis: <0.4 f.s.
- Repeatability: <0.3 f.s.
- Pressure gain: 750:1 P
- Air delivery:

	SCFM
@ 29 PSI (200 kPa)	9.5
@ 87 PSI (600 KPa)	28.3
@ 145 PSI	47.1
- Air consumption:

	SCFM
@ 29 PSI (200 kPa)	0.18
@ 87 PSI (600 KPa)	0.53
@ 145 PSI	0.88
- Temperature range: **-40°F (-40°C) to 185°F (85°C)**
- Air connections: 1/4" NPT
- Gauge port: 1/8" NPT
- Ingress and corrosion protection: NEMA 4X and IP 66
- Coating: Powder polyester (nickel - optional)
- Weight: 3.5 lbs.

XPO-E4F (Electro-Pneumatic Positioner)



Features

- Cam characterized and force balanced
- Cast aluminum NEMA 4X housing with electrostatically applied polyester coating
- Operates on a 4-20 mA signal
- Pressure gauge blocks built into the unit
- Large indicator has scaling to operate in both direct and reverse directions
- Feedback units available - call factory for details

Technical Specifications

- Input range: 4-20 (R₁ <170 ohms)
- Supply pressure: 22-145 PSI
- Linearity error: <1.0 f.s.
- Hysteresis: <0.5 f.s.
- Repeatability: <0.3 f.s.
- Pressure gain: 750:1 P out /P in
- Air delivery:

	SCFM
@ 29 PSI (200 kPa)	9.5
@ 87 PSI (600 KPa)	28.3
@ 145 PSI	47.1
- Air consumption:

	SCFM
@ 29 PSI (200 kPa)	0.18
@ 87 PSI (600 KPa)	0.53
@ 145 PSI	0.88
- Temperature range: **-40°F (-40°C) to 185°F (85°C)**
- Air connections: 1/4" NPT
- Gauge port: 1/8" NPT
- Ingress and corrosion protection: NEMA 4X and IP 66
- Coating: Powder polyester (nickel - optional)
- Weight: 3.8 lbs.

