NEMA 4 3-15 PSI AND 4-20mA VARIABLE POSITIONERS

Features:

Pneumatic (3-15 PSI) and Electro-Pneumatic (4-20 mA) rotory positioners are control devices which provide stability in difficult enviroments.

Stainless Steel Gauges Standard, Optional Limit switches and 4 - 20mA Feedback.
Rugged Aluminum Housing with a triple corrosion resistant interior and exterior coating
Reduced Bleed Pilot Valve reduces air consumption by more than 50%
No Spool Valves are used for air delivery, improving resistance to dirty plant air
Precision Calibration with simple SPAN and ZERO adjustments

Precision Zero - Hysterisis coupling System for NAMUR actuators provides superior accuracy and repeatability by eliminating "slop"
Unique Magnetic 4 - 20mA I/P automatically compensates for supply pressure, atmospheric pressure and ambient temperature changes, and its unaffected by EMF. The vibration resistant design has no resonance effects from 5 - 200 Hz
Each Positioner Performance Tested - test results included with each positioner

ALL SPECIFICATIONS AND DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE

Specifications:	3-15 PSI Pneumatic	4-20 mA Electro-Pneumatic
Input Signal:	* 3 - 15 PSI	4 - 20mA @ 24VDC Split Range Standard
Impedance:	N/A	250 +/- 15 Ohms
Stroke Range:	0 - 90°	0 - 90°
Supply Range:	20 to 100 PSI	20 to 100 PSI
Air Delivery:	7 SCFM	7 SCFM
Air Consumption:	0.26 SCFM	0.15 SCFM
Operating Temperature:	- 4° to +158° F	- 4° to +158° F
Linearity:	+/- 1%	+/- 1%
Hysteresis:	1% Max.	1% Max.
Sensitivity:	+/- 0.5%	+/- 0.5%
Repeatability:	+/- 0.5%	+/- 0.5%
Pneumatic Connections:	1/8" NPT Gauge Port, 1/4" NPT Supply I/O (Both Models)	
Enclosure:	Designed to NEMA 4, 4x	Designed to NEMA 4, 4x
Enclosure Weight:	Approx. 4.8 lbs.	Approx. 6.5 lbs.

* Split Range Available

M 4 - S 1 N F

MODEL
M3 = Pneumatic
M4 = Electro - Pneumatic

ELECTRICAL RATING
S = Standard/None
E = Ex md IIT6
I = Intrinsically Safe

PILOT VALVE
1 = Standard Oriface
2 = Small Oriface
3 = Extra-Small Oriface

POSITION FEEDBACK
N = None
T = 4 - 20mA
S = 2 SPDT Limit Switches
P = 2 PNP Sensors
I = 2 IS Sensors

INDICATION
F = Flat Dial
D = Dome