



Description:

The Apex AE4 Electro-Pneumatic Positioner provides accurate valve positioning for Spring return and Double acting actuators. The compact, lightweight positioner also conforms to Namur VDI/VDE 3845 mounting standards and features a low profile visual position indicator. The positioner is fitted with a powder coated aluminium switchbox containing 2 x SPDT switches for indication of fully open and fully closed positions and a 2 wire 4-20mA position transmitter. The positioner is mounted to the actuator using a NAMUR standard stainless steel mounting bracket.

Media :

Clean, dry, oil free air, filtered to 5 microns

Positioner Specifications :

Enclosure Material	:	Aluminium alloy
Enclosure Finish	:	Black epoxy paint
Enclosure Rating	:	IP66
Shaft Material	:	Stainless steel
Hysteresis	:	0.8% Full Scale
Linearity	:	0.7% Full Scale
Sensitivity	:	0.2% of span
Air Flow	:	271 litres/min @5.5 bar
Air Consumption	:	8.7 litres/min @ 5.5 bar
Control Input Signal	:	4 - 20mA
Signal voltage	:	6V
Maximum supply pressure	:	150 psi
Air entry	:	1/4"NPT
Ambient temperature	:	-20° C - +80° C

Switchbox Specification:

Enclosure Material	:	Die Cast Aluminium
Enclosure Rating	:	IP67
Enclosure Finish	:	Polyester powder coating (Black)
Shaft Material	:	Stainless Steel
Cable Entries	:	2 x M20 (Options PG13.5 & 1/2"NPT)
Limit Switch Type	:	2 x SPDT, Mechanical
Voltage/Amps	:	250V AC/16A, 125V AC/16A, 250VDC/0.3A, 125VDC/0.6A, 30VDC/10A
Ambient Temperature	:	-20° to +80° C