

Features

- Performing 1/2 Split Control without any other substitutes.
- Easy to adjust zero and span.
- Easy to convert from Reverse Action to Direct Action or vice versa.
- Easy to convert from Spring Return to Double Action actuator or vice versa.
- Easy Feedback Connection and meeting the standard of ISO 5211 or Namur.
- Fast and accurate response. Low air consumption.
- Easy to protect from hunting effect by using output orifice in small size of actuator.
- Easy to install air tubing connection in any direction.

RS PRO Valve Positioner HT1000: E - T

RS Stock No.: 0834638



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Introducing the RS PRO HT series mechanical valve positioner

Featuring a block structure design, multi-port functionality, and advanced explosion-proof technology. The HT series **E-P positioners** are suitable for both linear and rotary control valves.

The E-P positioner accurately controls valve stroke via compressed air in response to a **4~20mA input signal**.

Additionally, options for internal and external limit switches or valve position transmitters are available.

General Specifications

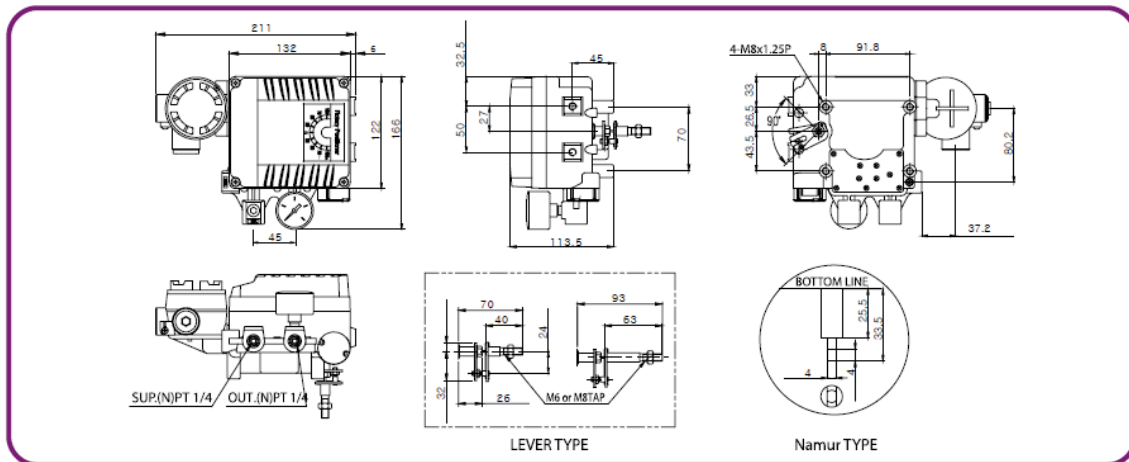
In Put Signal	4~20 mADC
Impedance	250 ± 15Ω
Supply Pressure	1.4~7 kgf/cm ² (20~100 psi)
Stroke	0°~90°(R), 10~150 mm(L)
Air Connection	G (NPT) 1/4"
Gauge Connection	G (NPT) 1/8"
Conduit	G (NPT) 1/2"
Explosion proof	Exiall CT6 / Exdll BT6 /Non-Explosion
Protection	IP66
Ambient Temperature	-20°C~70°C
Linearity	± 1.5%
Hysteresis	1.5%
Sensitivity	0.4%
Air Consumption	3 LPM (Sup=1.4 kgf/cm ² , 20 psi)
Flow Capacity	8 LPM (Sup=1.4 kgf/cm ² , 20 psi)
Material	Aluminium Die Casting
Weight	2.7 Kg (6 lb) / 2.8 Kg (6.2 lb)

Ordering Symbols

Model	Positioner Type	Acting Type	Option for Feedback	Explosion Proof	Lever Type	Orifice Type
HT-1000: E-P (Electro-Pneumatic)	Rotary	Single Acting	Internal position transmitter (4~20mA)	Exdll BT6	HT-1000L 10~40 mm	HT-1000R M6X40L <90cm ³
			Internal limit switch (2-SPST)	Exiall CT6	40~70 mm	M6X63L 90~180cm ³
	Linear	Double Acting	External position transmitter (4~20mA)		70~100 mm	M8X40L >180cm ³
			External limit switch (2-SPDT) or Proximity sensors	Non-Explosion	100~130 mm	M8X63L
			External position transmitter (4~20mA) & External limit switch (2-SPDT) or Proximity sensors		130~150 mm	NAMUR

Dimension

HT-1000R - Rotary Type



HT-1000L - Linear Type

