

## Specifications



< SS2SL & SS2SR >

Input Signal	4 - 20 mA @ 24 VDC
Min. / Max. Current	3.6 mA / 50 mA
Voltage Drop (Resistance)	Without Hart : 8.7 VDC ( 435Ω @ 20 mA ) With Hart : 9.4 VDC ( 470Ω @ 20 mA )
Stroke / Angle	Linear type : 5 - 130 mm * Rotary type : 25 - 120°
Air Supply Pressure	1.4 - 7.0 bar ( 20 - 100 psi )
Output Pressure Range	0 - 100% of supply air pressure
Air Capacity	80 ℓ/min = 4.8 N <sup>m</sup> /h = 2.8 scfm (Sup = 1.4 bar) 233 ℓ/min = 14 N <sup>m</sup> /h = 8.2 scfm (Sup = 6 bar)
Air Consumption	2 ℓ/min = 0.12 N <sup>m</sup> /h = 0.07 scfm (Sup = 1.4 ~ 6 bar)
Characteristic	Linearity < ±0.3% F.S      Sensitivity < 0.2% F.S Hysteresis < 0.2% F.S      Repeatability < 0.2% F.S
Performance Characteristic	Linear, EQ %, Quick open, User set (17 points)
LCD Indication	4-digit LCD indicator
Adjustable Speed	1 - 1000 ( lowest 1, highest 1000 )
Scan Time	2ms
Shut-off Value	Range 0 - 10% of position signal
Valve Action	Direct action(DA) / reverse action(RA)
Operating Temperature	- 30 ~ +80 °C ( - 22 ~ +176 °F ) **
Pneumatic Connections	NPT 1/4
Electrical Connections	NPT 1/2
Protection Class	IP66, intrinsic safety (IECEX / ATEX / KC Exia IIC T5)
Body Material	Stainless steel 316
Weight	3.9 kg (without bracket)

\* Up to 200mm on request      \*\* -40 °C on request



## How to Order

# SS2S

Actuator Operation	Protection Class	Feedback Lever	Pressure Gauges	By-pass	Position Feedback	Communication	Connection Threads	Mounting Bracket	Feedback Pin Guide Lever Set
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Description	Code
<b>Actuator Operation :</b>	L : Linear type R : Rotary type
<b>Protection Class :</b>	I : Intrinsic safety (IECEX Ex ia IIC T5, ATEX Eex ia IIC T5) K : Intrinsic safety (KC Ex ia IIC T5) W : Weatherproof to IP66
<b>Feedback Lever :</b> - Linear type :	A : Stroke (5~30mm) B : Stroke (5~65mm) C : Stroke (5~130mm) D : Stroke (80~200mm)
- Rotary type :	F : Fork lever N : NAMUR shaft(direct mounting)
<b>Gauge Block :</b>	0 : Not mounted 1 : 6 bar(90psi) 2 : 10 bar(150psi)
<b>By-pass :</b>	N : None Y : Yes(auto/manual screw)

Description	Code
<b>Position Feedback :</b>	N : None O : Position transmitter (4~20mA output signal) L : 2 x alarm limit S : 2 x micro switch (SPDT) M : O + L Q : O + S
<b>Communication :</b>	N : None H : HART communication
<b>Connection Threads :</b> (pneumatic - electrical)	4 : NPT 1/4 - NPT 1/2
<b>Mounting Bracket :</b>	N : None L : IEC 60534-6-1(for SS2SL) R : IEC 60534-6-2(for SS2SR) VDI/VDE 3845
<b>Feedback Pin Guide Lever Set :</b> (only for linear type SS2SL)	0 : Not included 1 : Included