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SSS — *Asian leading company*



SSS Co., Ltd.





Features

Compact and lightweight

Linear motion and Rotary motion available

Split range available

AUTO / MANUAL function

Specification

Input Signal	4 to 20 mA/250 Ω
Supply air pressure	0.14 to 0.7 MPa(140 to 700 kPa)
Stroke / Angle	Linear motion: 10 to 100mm Rotary motion: 60 to 90°
Air connection	Standard: Rc1/4 (Gauge Rc1/8) Option: NPT1/4 (Gauge NPT1/8)
Electrical connection	G1/2 (Option: NPT1/2)
Wireing method	Conduit method or Pressure-tight packing method
*1 Pressure gauge (output pressure)	Standard: 0 to 0.2MPa, 0 to 0.4 MPa, 0 to 1.0 MPa Option: kPa, psi, bar
Construction	Protection dust & drip-proof IP65 Explosion-proof: Ex d II BT6
Cam	Standard: Linear characteristics
*2 Ambient temperature	Standard: -20 to 83°C Flame proof: -20 to 60°C Low temp.: -50 to 60°C High temp.: 0 to 100°C
Weight	Single acting: Approx. 2.2kg Doublea acting: Approx. 2.3kg
Material	Base: Aluminium Diecasting Standard cover: Aluminium Diecasting

*1 Please contact us available combination of connection and units such as kPa, psi and bar.

*2 The explosion proof type is only available for the standard products.

Notation table

1	2	3	-	4	5	/	6	7	8	9

Specification	Definition	Code
1 Basic code	CE100 E/P positioner Rated dust and weatherproof (IP65)	CE1
2 Construction	Non-explosion proof	0
	Intrinsically Safe EExia IIC T4 to T6 (ATEX)	4
	Flameproof Ex d II BT6 (TIIS)	5
	Non-explosion proof feedback signal	7
3 Functions and connections	Single acting, Rc 1/4	1
	Double acting, Rc 1/4	2
	Single acting, NPT 1/4	3
	Double acting, NPT 1/4	4
4 Ambient temperature	Standard: -20 to 83°C Flameproof: -20 to 60°C Intrinsically safe (ATEX) T6: -20 to 50°C T5: -20 to 65°C T4: -20 to 80°C	S
	Low temp. construction: -50 to 60°C Intrinsically safe (ATEX) T6: -40 to 50°C T5: -40 to 65°C T4: -40 to 65°C	L
	High temp. construction: 0 - 100°C	H
5&9 Mounting & cam	Back lever (Linear motion) / 45° 4 phase cam Back lever (Rotary motion) / 90° 2 phase cam	B5 / C5La B6 / C6L
6 Outlet pressure gauge	0 to 0.2 MPa, 0 to 0.4 MPa, 0 to 1.0 MPa Option: kPa, psi, bar	M2, M4, M0
7 Pilot relay	Single	V1
	Double	V2
8 Input signal	4 to 20 mA	M1
	4 to 12 mA	M2
	12 to 20 mA	M3
	User specified	M4