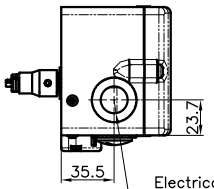
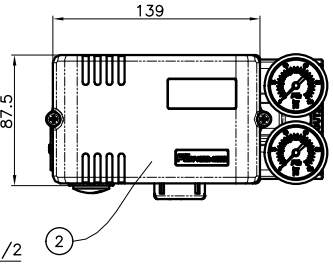
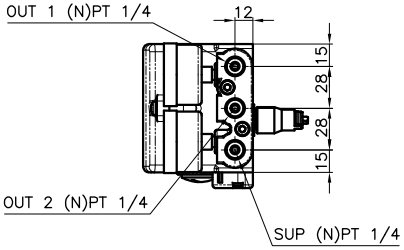
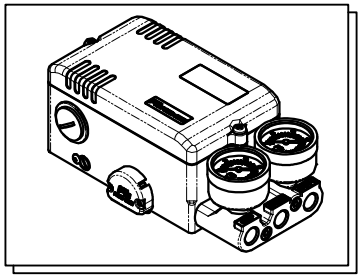
REV.NO.	REVISION DESCRIPTION	DATE	APPROVED
A			

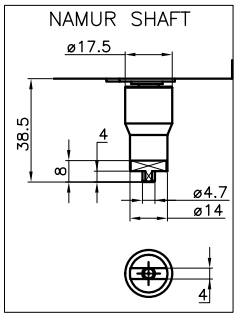


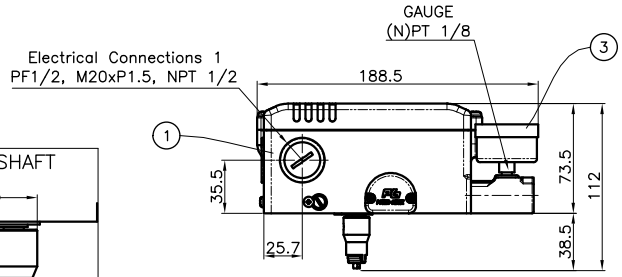


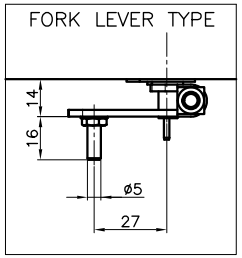
Electrical Connections 2
PF 1/2, M20xP1.5, NPT 1/2

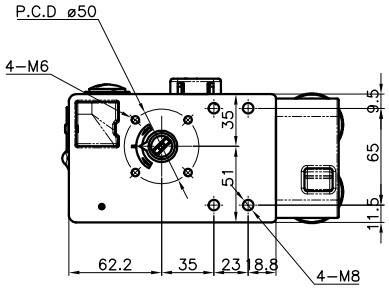












NO.	PART NAME	MATERIAL	Q'Ty
3	PRESSURE GAUGE	SUS304/ SUS316	2
2	BASE COVER	ALDC12/ SUS316	1
1	BASE BODY	ALDC12/ SUS316	1

PT	SENSITIVITY	±0.2% F.S.
	HYSTEREISIS	±0.5% F.S.
	LINEARTY	±0.5% F.S.
	PROTECTION	IP66
	ADJUSTMENT	AUTO CAL.
	LOAD RESISTANCE	MAX 1000Ω /30V DC
	OUTPUT SIGNAL	4~20mA DC
	SUPPLY VOLTAGE	12~30V DC
	INPUT SIGNAL	2 WIRE

-SPECIFICATIONS

Communication	WITHOUT	HART	Profibus-PA	Foundation Fieldbus
Input Signal Bus voltage	4 - 20 mA @ 24 VDC		9 - 32 VDC	
Min. / Max. Current	3.6 mA / 50mA		-	
Current Consumption	-		15mA	16mA
Voltage Drop (Resistance)	8.9 VDC (445Ω)	9.4 VDC (470Ω)	-	
Stroke / Angle	Linear type : 5 - 130 mm * Rotary type : 25 - 120°			
Air Supply Pressure	1.4 - 7.0 bar (20 - 100 psi), filtered, compressed dry and non-oiled to meet Class 3 of ISO 8573-1			
Output Pressure Range	0 - 100% of supply air pressure			
Air Capacity	80 ℓ/min = 4.8 N □/h = 2.8 scfm (Sup = 1.4 bar) 233 ℓ/min = 14 N □/h = 8.2 scfm (Sup = 6 bar)			
Air Consumption	2 ℓ/min = 0.12 N □/h = 0.07 scfm (Sup = 1.4 ~ 6 bar)			
Characteristic	Linearity < ±0.3% F.S Hysteresis < 0.2% F.S		Sensitivity < 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	PT(Rc) 1/4 or NPT 1/4			
Electrical Connections	2 x PF(G) 1/2 , NPT 1/2 , M20 x 1.5			
Protection Class	IP66, Intrinsically safe (IECEx / ATEX / KC Ex ia IIC T6/T5)			
Body Material	Aluminum die-cast / powder-painted			
Weight	ALDC : 1.6kg * SUS316 : 3.9kg			

SS2R	Protection Class
	□ I : Intrinsically safe (IECEx Ex ia IIC T6/T5, ATEX Ex ia IIC T6/T5) □ K : intrinsically safe (KC Ex ia IIC T6/T5) □ W : Weatherproof to IP66

Feedback Lever	Gauges Block	By-pass	Position Feedback	Communication	Electrical Connections	Mounting Bracket
□ F : Fork lever □ N : Namur shaft (direct mounting)	□ 0 : Not mounted □ 1 : 6 bar (90psi) □ 2 : 10 bar (150psi)	□ N : None (standard) □ Y : Yes (auto/manual screw)	□ 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	□ N : None □ H : HART □ P : Profibus PA □ F : Foundation Fieldbus	□ 3 : PT(Rc) 1/4 - PF(G)1/2 □ 4 : NPT 1/4 - NPT 1/2 □ 5 : PT(Rc) 1/4 - M20x1.5	□ N : None □ L : IEC 60534-6-1 (for SS2L) □ R : IEC 60534-6-2 (for SS2R) VDI/VDE 3845

POWER-GENEX
http://www.power-genex.com

	NAME	SIGNATURE	
DRAWN	Kim. D . H		PROJ : 3rd
CHECKED	Kim. K . W		SCALE : 1:1
APPROVED	Kim. K . W		SIZE : A3
DATE			
QUANTITY		DIMENSION : mm	
		SHEET 1 OF 1	

TITLE : SS2R(S) OUTLINE
PRODUCT NAME :
MODEL : SS2 R
DWG NO. PG-SS2-02
REV. NO. A