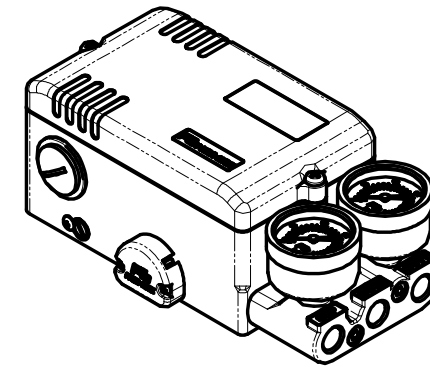
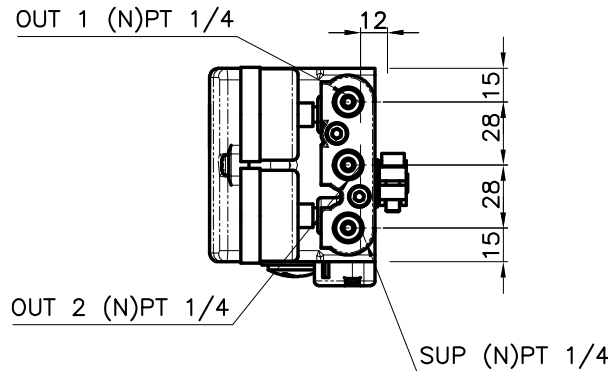
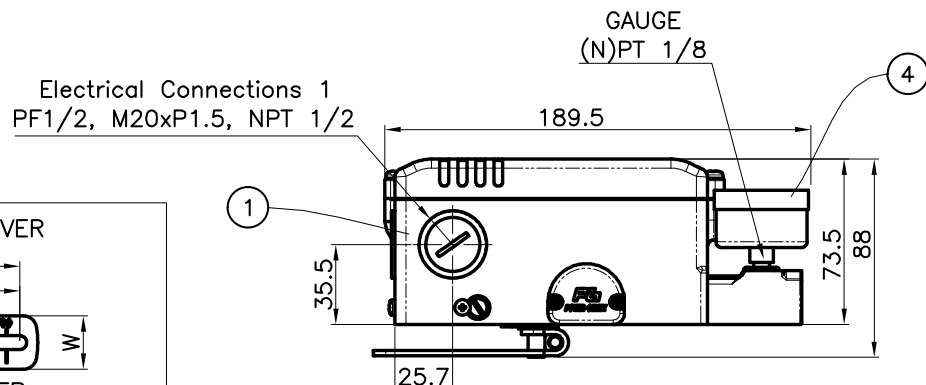


Electrical Connections 2
PF 1/2, M20xP1.5, NPT 1/2

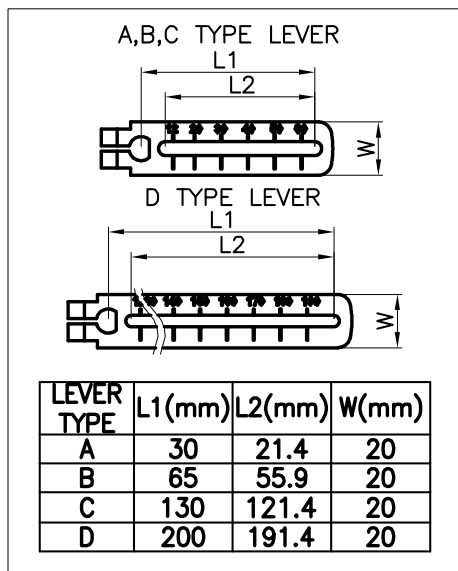


-SPECIFICATIONS

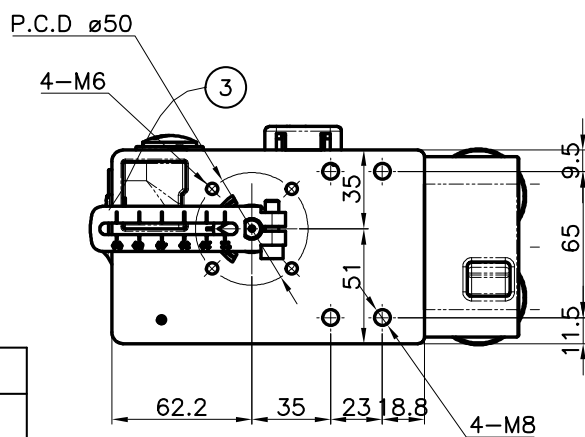


Electrical Connections 1
PF1/2, M20xP1.5, NPT 1/2

GAUGE
(N)PT 1/8



LEVER TYPE	L1(mm)	L2(mm)	W(mm)
A	30	21.4	20
B	65	55.9	20
C	130	121.4	20
D	200	191.4	20



NO.	PART NAME	MATERIAL	Q'ty
4	PRESSURE GAUGE	SUS304/SUS316	2
3	FEEDBACK LEVER	SUS304/SUS316	1
2	BASE COVER	ALDC12/SUS316	1
1	BASE BODY	ALDC12/SUS316	1

PT	PROPERTY	VALUE
	SENSITIVITY	±0.2% F.S.
	HYSTERESIS	±0.5% F.S.
	LINEARITY	±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

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 m³/h = 2.8 scfm (Sup = 1.4 bar) 233 l/min = 14 N m³/h = 8.2 scfm (Sup = 6 bar)			
Air Consumption	2 l/min = 0.12 N m³/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	

Protection Class	Feedback Lever
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> A : Stroke (5 ~ 30mm) B : Stroke (5 ~ 65mm) C : Stroke (5 ~ 130mm) D : Stroke (80 ~ 200mm)

Gauges Block	By-pass	Position Feedback	Communication	Electrical Connections	Mounting Bracket	Feedback Pin Guide Lever Set
<ul style="list-style-type: none"> 0 : Not mounted 1 : 6 bar (90psi) 2 : 10 bar (150psi) 	<ul style="list-style-type: none"> N : None (standard) Y : Yes (auto/manual screw) 	<ul style="list-style-type: none"> N : None O : Position transmitter (4 ~ 20mA output signal) L : 2 x alarm limit S : 2 x micro switch (SPDT) M : 0 + L Q : 0 + S 	<ul style="list-style-type: none"> N : None H : HART P : Profibus PA F : Foundation Fieldbus 	<ul style="list-style-type: none"> 3 : PT(Rc) 1/4 - PF(G)1/2 4 : NPT 1/4 - NPT 1/2 5 : PT(Rc) 1/4 - M20x1.5 	<ul style="list-style-type: none"> N : None L : IEC 60534-6-1 (for SS2L) R : IEC 60534-6-2 (for SS2R) VDI/VDE 3845 	<ul style="list-style-type: none"> 0 : Not included 1 : Included

PG POWER-GENEX http://www.power-genex.com				TITLE :
NAME	SIGNATURE	PROJ :	3rd	SS2L(S) OUTLINE
DRAWN	Kim. D. H	SCALE :		PRODUCT NAME :
CHECKED	Kim. K. W	SIZE :		MODEL :
APPROVED	Kim. K. W			SS2 L
DATE				DWG NO.
QUANTITY		DIMENSION : mm		PG-SS2-01
		SHEET 1 OF 1		REV. NO.
				A



TITLE	SS2L(S) OUTLINE	NAME	DATE	SIZE	DWG NO	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE +/-0,5
DRAWN	MOTO	dd.mm.yyyy	A3	PG-SS2-01		
CHECKED	TOCO	dd.mm.yyyy	FILE NAME:	GPX-SS2L.pdf		
ENG APPR	TOCO	dd.mm.yyyy	SCALE:	REV:		
MGR APPR	TOCO	dd.mm.yyyy	WEIGHT:	SHEET: 1 OF 1		

REV	DESCRIPTION	DATE	APPROVED
REVISION HISTORY			