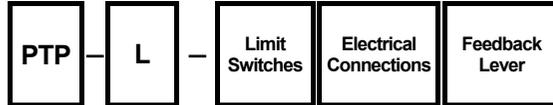


Instruction Manual



! Read all safety instructions in this manual carefully before using this product. All work should be done by staff with the necessary training and experience.

1. Part Number System



Description	Code
Limit Switches:	N: None S: 2 x SPDT mechanical limit switch P: 2 x P&F proximity sensor NJ2-V3-N
Electrical Connections:	1. G 1/2 2. NPT 1/2
Feedback Lever:	A: Stroke 10 – 40mm B: Stroke 10 – 80mm C: Stroke 80 – 150mm

2. Specifications

	PTP-L
Power Supply Range	12 – 30 VDC (24 VDC recommendable)
Current Output Signal	4 – 20 mA or 20 – 4 mA
Span Adjustable Angle	0 - 90°
Linearity	Within ± 1.0 % F.S
Hysteresis	Within ± 1.0 % F.S
Repeatability	Within ± 0.25 % F.S
Operating Ambient Temperature	-20°C - +60°C
Explosion proof Class	Exd IIC T6 (KOSHA Cert. No. 2008-1053-Q1)
Protection Class	IP66

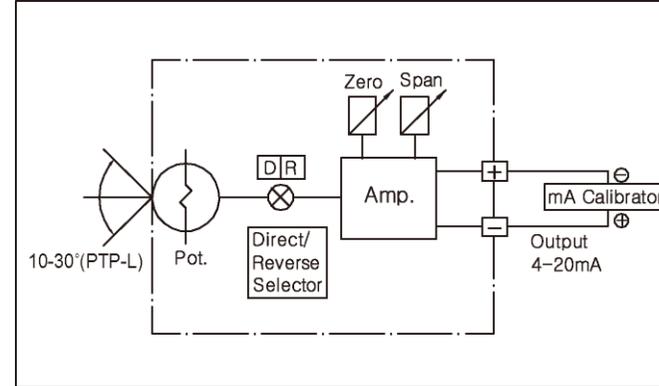
PTP-L

Position Transmitter

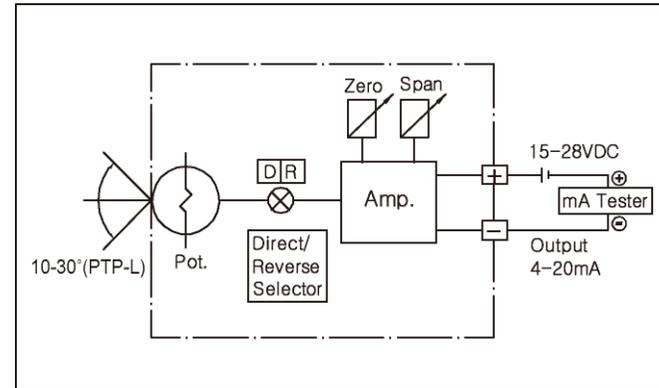
Electrical Connections	G 1/2 or NPT 1/2
Body Material	Aluminum die-cast
Weight	0.9 kg

3. Measuring 4 – 20 mA Output Signal

3-1. With mA Loop Calibrator



3-2. With Multimeter



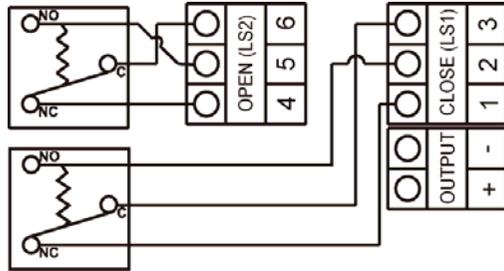
3-3. Span and Zero Adjustment

- ① Select RA (reverse acting) or DA (direct acting) on a board. **RA (reverse acting) is a standard factory setting.**
- ② Turn a Zero adjusting screw clockwise or counter clockwise until output signal reaches 4mA.
- ③ Turn a Span adjusting screw clockwise or counter clockwise until output signal reaches 20mA.

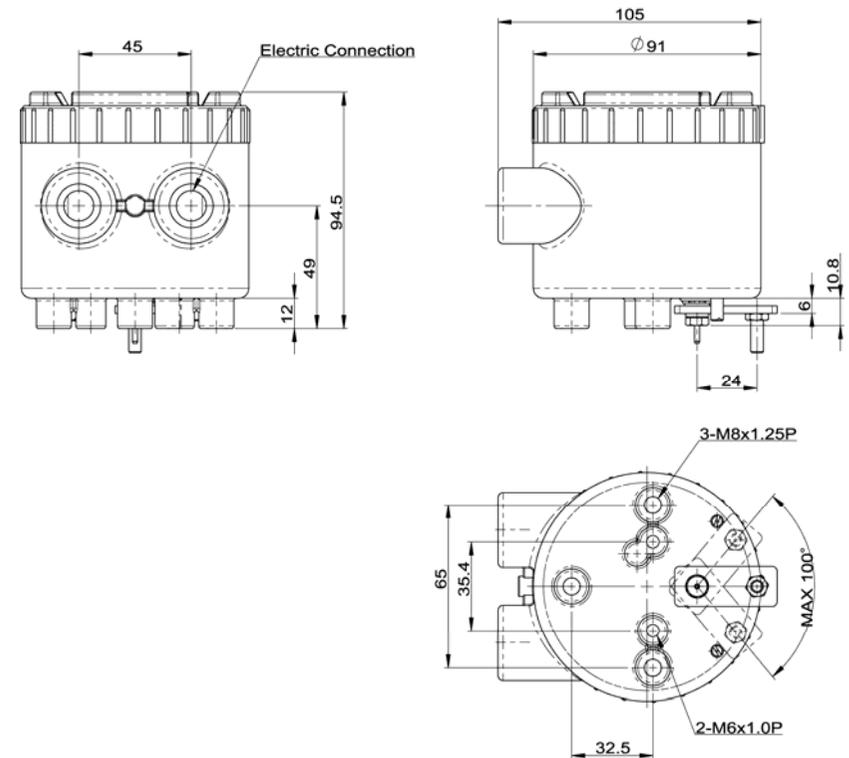
! Be sure that 12 – 30 VDC power supply (24 VDC recommendable) should be provided.

4. Measuring SPDT Limit Switches

Contacts	SPDT Form C
AC Rating	16A 1/2HP 125/250VAC
DC Rating	0.6A 125VDC / 0.3A 250VDC
Adjustment	Cams with set screws (L-wrench included for setting)



5. Dimensions



Power-Genex Ltd.

44B9L, 434-9, Nonhyun-dong, Namdong-gu,
Incheon 405-849 Korea

Tel: +82-32-812-6644 Fax: +82-32-812-6645
www.powergenex.com sales@powergenex.com