

Auxiliary components

47 Pressure sensor type A

Protection level: IP40

HANWHA



Utility

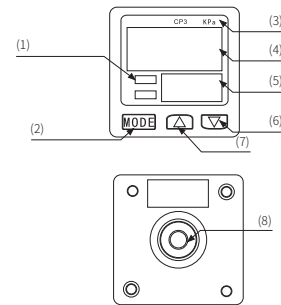
Product characteristics

- *Electronic vacuum switch with LED display
- *Output with NPN or PNP
- *The vacuum connection diameter is R1/8 or M5
- *Small size, light weight, and wide range of use
- *Vacuum degree detection for vacuum systems, optimizing work cycles, and improving economic benefits



Product structure

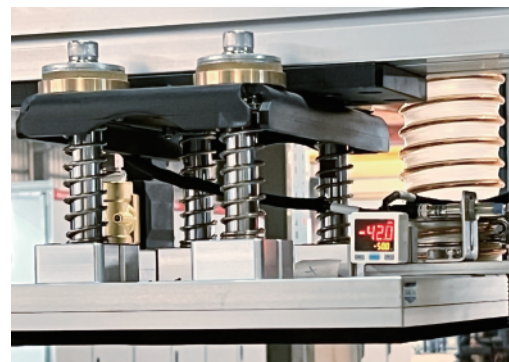
- *(1) Output 1/working status light comparison, it lights up when output 1 is ON
- *(2) Analog conversion button MODE
- *(3) Unit display (Note 1)
- *(4) Main display screen
- *(5) Secondary display screen
- *(6) Set value Down button
- *(7) Set value UP button
- *(8) Pressure hole



(Note 1): When setting the pressure unit to units other than "MPa" or "kPa", please attach the unit corresponding to the set pressure unit attached

Product advantages

- *Digital display electronic pressure switch
- *Switching points and hysteresis can be adjusted through buttons
- *Switching point and hysteresis independent programming, digital output
- *Special functions programmable



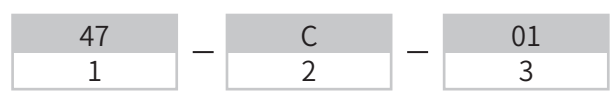
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47 Pressure Sensor Type A Ordering NO



1-Series	
47	47 Pressure sensor

2- Pressure type	
C	Continuous pressure (-100~100KPA)
P	Positive pressure (-0.1~1Mpa)
V	Negative pressure (-100~0KPA)

3- Output type	
01	NPN
03	PNP

47 Pressure Sensor Type A Technical Data

Model	Rated pressure range	Set pressure range	Pressure resistance	Supply voltage	Current	Repetitive accuracy	Temperature range	Temperature characteristic	Protect grade	Weight
47C-01	-100kPa ~100kPa	-100kPa ~100kPa	500kPa	12~24V DC±5%	24V 30mA 12v 60mA MAX	±0.5% FS	Working:0~50°C Storage:-10~60°C	±1% FS (25°C)	IP40	80g
47C-03	-100kPa ~100kPa	-100kPa ~100kPa	500kPa	12~24V DC±5%	24V 30mA 12v 60mA MAX	±0.5% FS	Working:0~50°C Storage:-10~60°C	±1% FS (25°C)	IP40	80g
47P-01	-0.1Mpa ~1.0Mpa	-0.1Mpa ~1.0Mpa	1.5Mpa	12~24V DC±5%	24V 30mA 12v 60mA MAX	±0.2% FS	Working:0~50°C Storage:-10~60°C	±1% FS (25°C)	IP40	80g
47P-03	-0.1Mpa ~1.0Mpa	-0.1Mpa ~1.0Mpa	1.5Mpa	12~24V DC±5%	24V 30mA 12v 60mA MAX	±0.2% FS	Working:0~50°C Storage:-10~60°C	±1% FS (25°C)	IP40	80g
47V-01	-100kPa ~0kPa	-100kPa ~0kPa	500kPa	12~24V DC±5%	24V 30mA 12v 60mA MAX	±0.2% FS	Working:0~50°C Storage:-10~60°C	±1% FS (25°C)	IP40	80g
47V-03	-100kPa ~0kPa	-100kPa ~0kPa	500kPa	12~24V DC±5%	24V 30mA 12v 60mA MAX	±0.2% FS	Working:0~50°C Storage:-10~60°C	±1% FS (25°C)	IP40	80g

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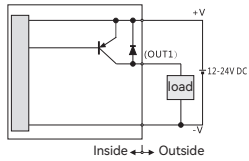


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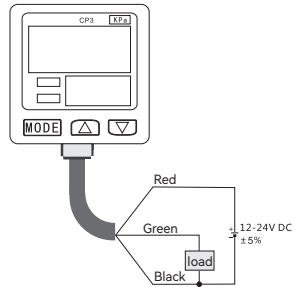


47 Pressure Sensor Type A Design Data

■ I/O circuit diagram

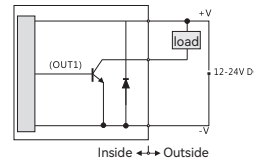


■ Circuit diagram

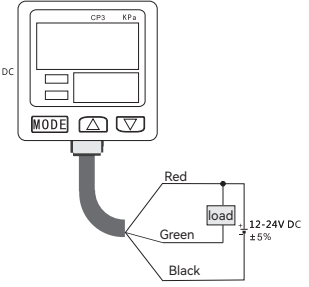


PNP

■ I/O circuit diagram



■ Circuit diagram



NPN