

QP-88B Pressure Transmitter



Model: QP-88B

Range: 0~3000 PSI

Feature:

- ◆ Piezoresistive technology
- ◆ High accuracy, good stability
- ◆ Small size, nice appearance
- ◆ Anti-shock
- ◆ Various output scheme: 0.5~2.8 Vdc, 0.5~4.5 Vdc, 0.5~5/10 Vdc, and 4~20mA

Dimensions: (unit: mm)

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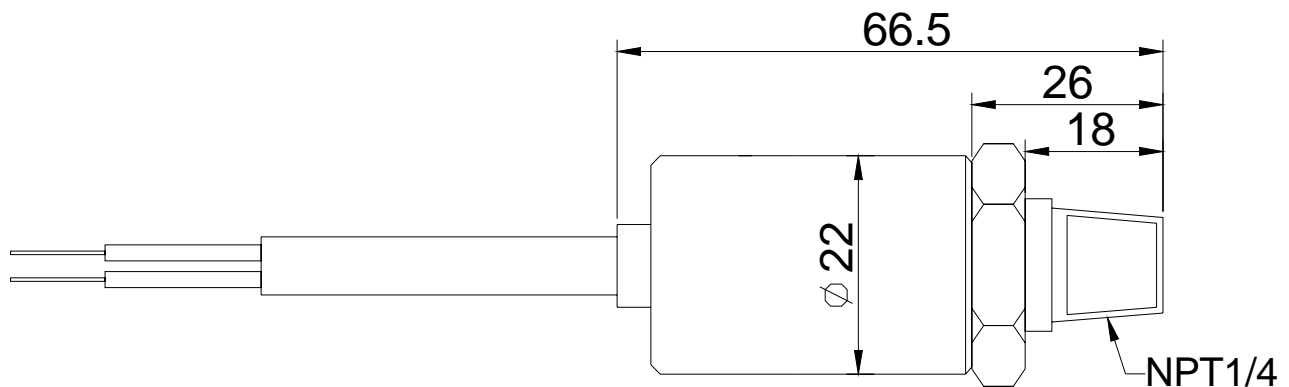
Address: No. 1032, Xinghan Road, Hantai District, Hanzhong, Shaanxi, China (Mainland)

Website: www.qysensor.com

TEL: +86-(0)916-2257989

E-mail: info@qysensor.com

Zip: 723000

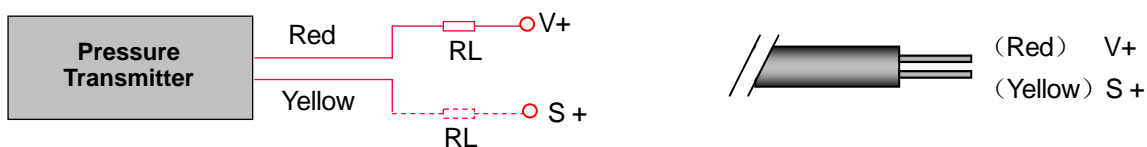


Technical Specifications

Measuring media	Non-corrosive and non-conductive gases or dilute liquids		
Measuring ranges	PSI	0~3000	
Pressure type	NA	Gauge (G)	
Excitation voltage	Vdc	3	5 (Standard) 9,...,30
Output signal	Vdc	0.5~2.8	0.5~4.5(Standard) 0~5, or 0~10
	mA	4~20mA (12~36Vdc, Standard 24Vdc)	
Accuracy	%FS	±0.5(Standard), ±1 (Max)	
Response time	ms	10 mSec at 63% full Scale	
Shock	75G, 1/2 sina wave		
Insulation resistance	MΩ	>500 @ 100 Vdc	
Operating temp.	°C	-20~+80	
Storage temp.	°C	-40~+100	
Pressure connection	1/8NPT, NPT1/4, 3/8 UNF, M12×1.5(Can be chosen by the customer)		
Electrical connection	Direct line		
Environment protection	IP rating	IP 66	
Material	Housing Material	Stainless steel (1Cr18Ni9Ti)	
	Material of diaphragm	316L Stainless steel	
Overload pressure	%FS	200	

Electrical connection:

Two-conductor 4~20 mA



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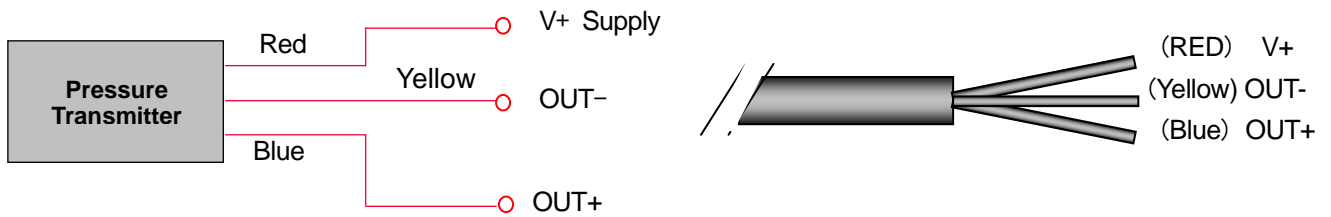
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Three-conductor 0.5~2.8V; 0.5~4.5V; 0~10V, (customizable)



※**Ordering code:** model- range& type-supply voltage-signal output-accuracy-pressure connection-defend grade-cable length.

Example:QP-88B-0/1000PSI(G)-24Vdc-4/20mA-0.5%FS-NPT1/4 – IP66-3m