

QZP-S6 Smart Pressure Transmitter

QZP-S6 high temperature smart pressure transmitters are consist of 316L isolation membrane pressure transmitter, high-powered MPU, integrated circuit and high-stability constant current. It can correct the linearity and compensate temperature drift. Also can adjust the data of transmitter by hand-helder, achieve accurate data transfer, local equipment diagnoses and long-distance bidirectional communication. With characteristics of high precision, good stability, good reliability and easy handle.



Model: QZP-S6

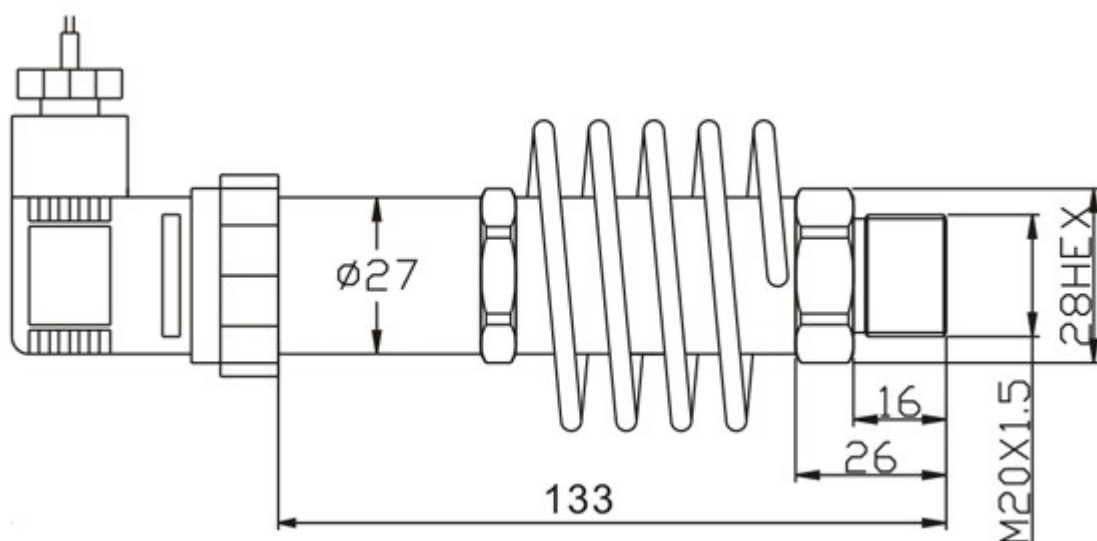
Range: 0~100KPa...0~500KPa...10, 35, 60, 100 MPa

Accuracy: $\pm 0.3\%FS$, $\pm 0.2\%FS$

Feature:

- ◆ High temperature smart type pressure transmitters.
- ◆ Can choose with HART AGREEMENT.
- ◆ Have the characteristics of high precision, good stability, long working life and high reliability.
- ◆ Small in size, light in weight. easy to installation.
- ◆ Pressure connection and Electrical connection are able to chosen by customers.
- ◆ Suitable for high accuracy measuring the temperature of $-30^{\circ}C \sim 150^{\circ}C$ gas and liquids.

Dimensions: (unit: mm)



QY Electronic Co Ltd

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

Website: www.qysensor.com

TEL: +86-(0)916-2257989

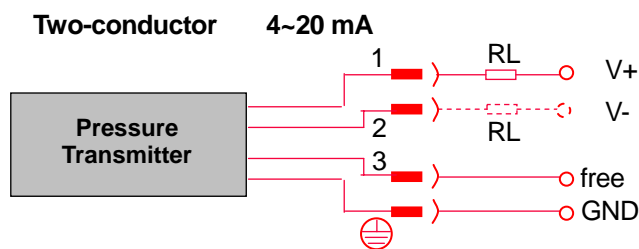
E-mail: info@qysensor.com

Zip: 723000

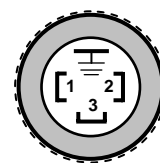
Technical Specifications

Measuring media		Gases or liquids which are compatible to 316L stainless steel	
Measuring range		0~100KPa,....0~500KPa....10, 35, 60, 100 MPa	
Pressure type		Gauge(G),Absolute(A),Sealed(S)	
Signal output	Analog	transmitter, mA (2 wires)	4~20mA
		transmitter, Vdc (3 wires)	0~10V, 1~5V, 0~5V,0~20mA
	Digital	Can bi-directionally communication in accordance with HART AGREEMENT	
Combined accuracy		%FS	±0.3(Standard), ±0.2
Long stability		±0.1%FS/year (Standard) ; ±0.2%FS/year (Max)	
Power supply		Vdc	12~36 (Standard 24Vdc)
Compensated temp.		°C	-10~+60
Operating temp.		°C	-30~+150
Temperature coefficient of ZERO		%FS/10°C	≤±0.2
Temperature coefficient of SPAN		%FS/10°C	≤±0.2
Insulation resistance		MΩ	>500 @ 100Vdc
Electrical connection		DIN43650, aviation connector, directly lead (Selectable)	
Material	Housing Material		Stainless steel (1Cr18Ni9Ti)
	Material of diaphragm		316L Stainless steel
Pressure connection		G1/4, G1/2, M20x1.5, M14x1.5, M12x1, (Customized)	
Environment protection		IP	65
Safe overload		%FS	200

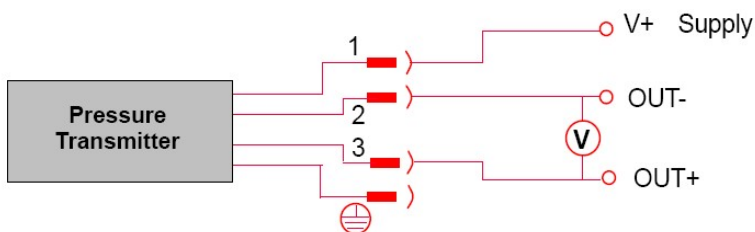
Electrical connection:



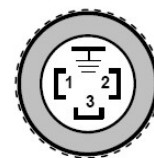
Pro-Linker



Three-Conductor 0~5V; 1~5V; 0~10V



Pro-Linker



※**Ordering code:** model- range & type-signal output-accuracy-pressure connection-electrical connection-defend grade-the other requests.

Example: QZP-S6-0/300KPaG-4/20mA-0.1%FS-M20x1.5-DIN43650-IP65-***

QY Electronic Co Ltd

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

Website: www.qysensor.com

E-mail: info@qysensor.com

TEL: +86-(0)916-2257989

Zip: 723000