QP-83H Pressure Transmitter


Model: QP-83H

Range: -100~0KPa, 0~5KPa….0~500KPa….0~100 MPa

Feature:

◆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 are able to chosen by customers.

◆Electrical connection adopts aviation connector, easy to demount.

◆Suitable for measuring the gases and liquids.

Dimensions: (unit: mm)
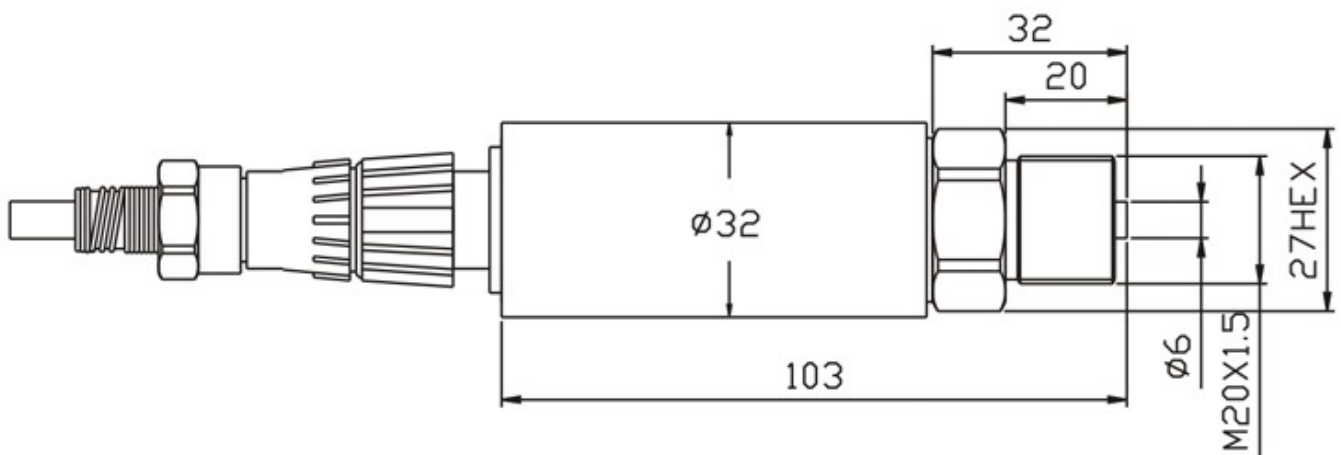
QY Electronic Co., Ltd
QP-83H

Technical Specifications

|		
Measuring media	Gases or liquids which are compatible to 316L stainless steel	
Measuring range	-100~0KPa, 0~5KPa….0~500KPa….0~100MPa	
Pressure type	Gauge(G),Absolute(A),Sealed(S)	
Signal output	transmitter, mA (2 wires)	4~20mA
	transmitter, Vdc (3 wires)	0~10V, 1~5V，0~5V,0~20mA
Combined accuracy	%FS	±0.25(Standard), ±0.5（Max）
Long stability	±0.1%FS/year（Standard）；±0.2%FS/year（Max）	
Power supply	Vdc	12~36（Standard 24Vdc）
Compensated temp.	ºC	-10~+60
Operating temp.	ºC	-20~+80
Temperature coefficient of ZERO	%FS/10ºC	±0.3%FS(≤100Kpa) , ±0.2%FS(＞100Kpa)
Temperature coefficient of SPAN	%FS/10ºC	±0.3%FS(≤100Kpa) , ±0.2%FS(＞100Kpa)
Insulation resistance	MΩ	＞500 @ 100Vdc
Electrical connection	Aviation connector	
Material	Housing Material	Stainless steel（1Cr18Ni9Ti）
	Material of diaphragm	316L Stainless steel
Pressure connection	G1/4, M20x1.5，M14x1.5，M12x1, M10x1（Customized）	
Environment protection	IP	65
Safe overload	%FS	150
Ultimate overload	%FS	200

Electrical connection:

Two-conductor   4~20 mA
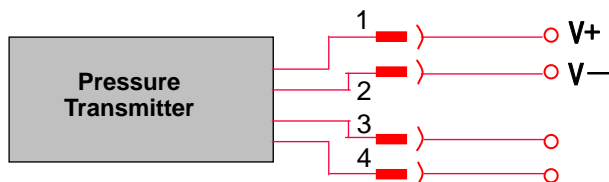
Three-conductor   1~5V；0~5V；0~10V, (customizable**)**
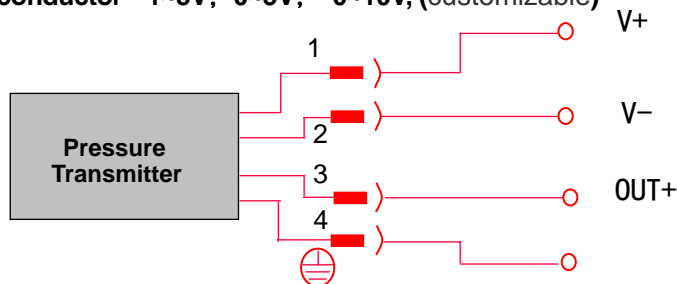
※**Ordering code:** model- range & type-signal output-accuracy-pressure connection -defend grade-the other requests.

    Example: QP-83H-0/300KPaG-4/20mA-0.25%FS-M20x1.5-IP65-***