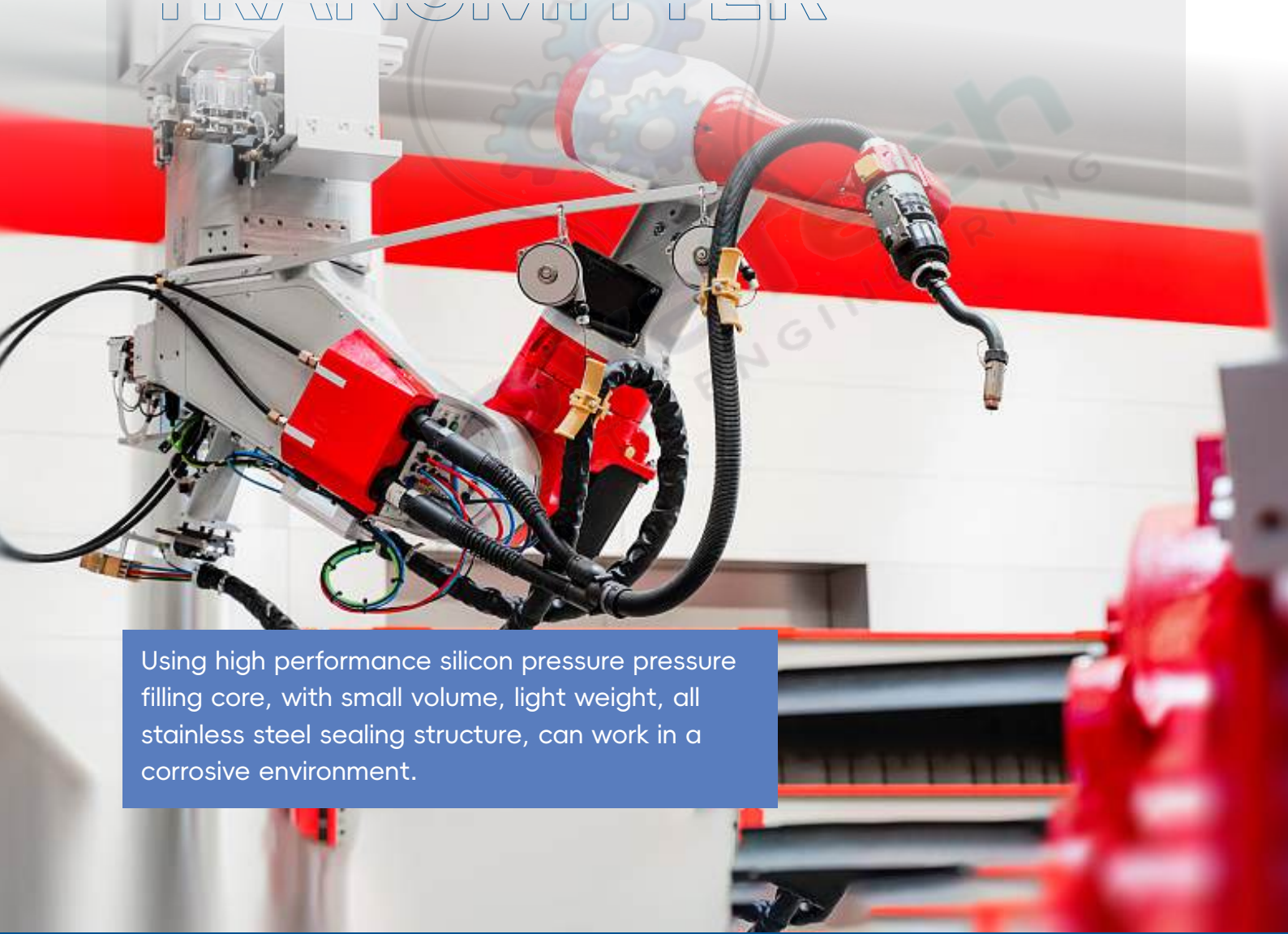
07

DIFFUSED SILICON PRESSURE TRANSMITTER



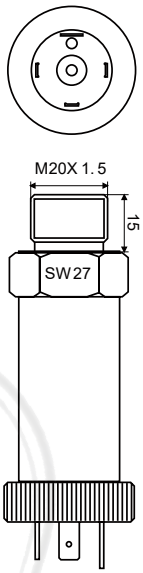
Using high performance silicon pressure pressure filling core, with small volume, light weight, all stainless steel sealing structure, can work in a corrosive environment.

DYPT-603 Diffused silicon pressure transmitter

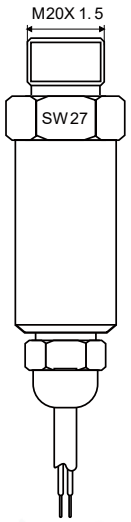




Constant Pressure Water Supply



Hesman Joint Shape



Direct Lead

Product Reviews

Characteristic

Using high performance silicon pressure pressure filling core, with small volume, light weight, all stainless steel sealing structure, can work in a corrosive environment.

Application Area

The dedicated integrated circuit converts the sensor millivolt signal into the standard voltage, current or frequency signal, which can be directly connected to the computer interface card, control instrument, intelligent instrument or PLC.

- process control
- aviation
- space flight
- automobile
- armamentarium
- HVAC and other fields

Parameters Table			
Power supply	24VDC	Comprehensive Accuracy	Level 0.5 (default), 0.3
output signal	4~20mA 1~5V 0~10V RS485	Zero Temperature Drift	±0.15%FS/℃
Measuring range	-0.1-60Mpa	Sensitivity Temperature Drift	±0.15%FS/℃
Compensation temperature	-10~70℃	Overload Pressure	150%FS
Medium temperature	-20~85℃	Long Term Stability	± 0.2%FS / year
working temperature	-20~85℃	Response Time	100MS (up to 90%FS)
Enclosure protection	IP65	Natural Frequency	40k Hz
Measuring medium	Gas, Liquid, Water	Pressure type	Gage pressure Absolute pressure Sealed pressure

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DYPT-603 Diffused silicon pressure transmitter



3mm Pressure Hole

The 3mm diameter lead pressure hole can effectively reduce the impact of the instantaneous pressure on the internal diaphragm, which is reliable and can guarantee the sensitivity.



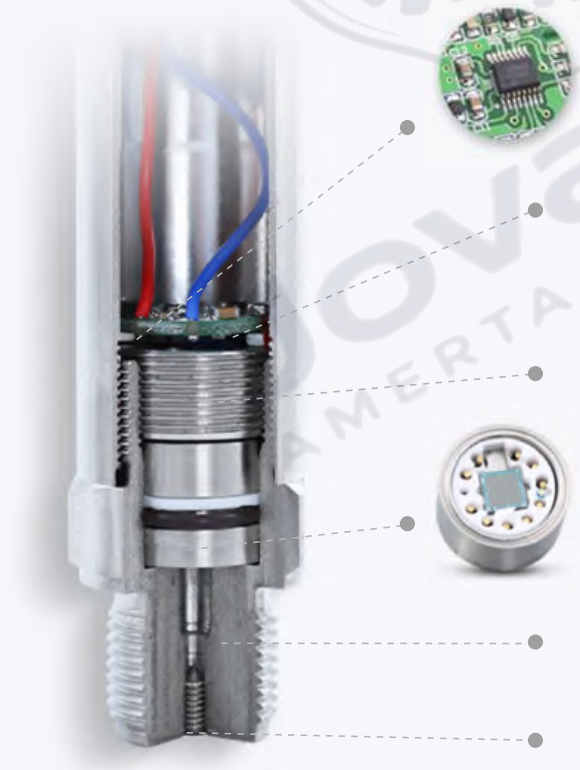
Diffusion Silicon Chip

Diffusion silicon chip purchased from Germany can withstand 2000Hz field vibration interference and can withstand instantaneous 2 times overload range pressure impact.



Omal Connect

The Italian Omal connector will greatly improve the waterproof and dustproof performance, and meet the application requirements of IP65 waterproof grade.



High-performance digital integrated circuit, strong anti-interference, high output accuracy.

The 24-bit ADC digital acquisition circuit, the 16-bit DAC output, to ensure the accurate output of the circuit signals.

Fastening pressure ring.

Using FirstSensor silicon chip, accurate and reliable, stable and durable.

High quality 304 stainless steel precision connection workpiece.

Damper resistance cushioning design, can resist instantaneous 2-3 times the pressure impact.

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