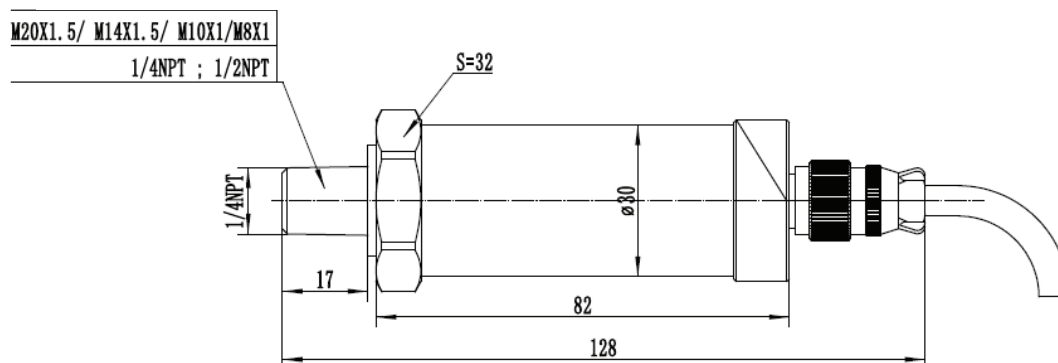


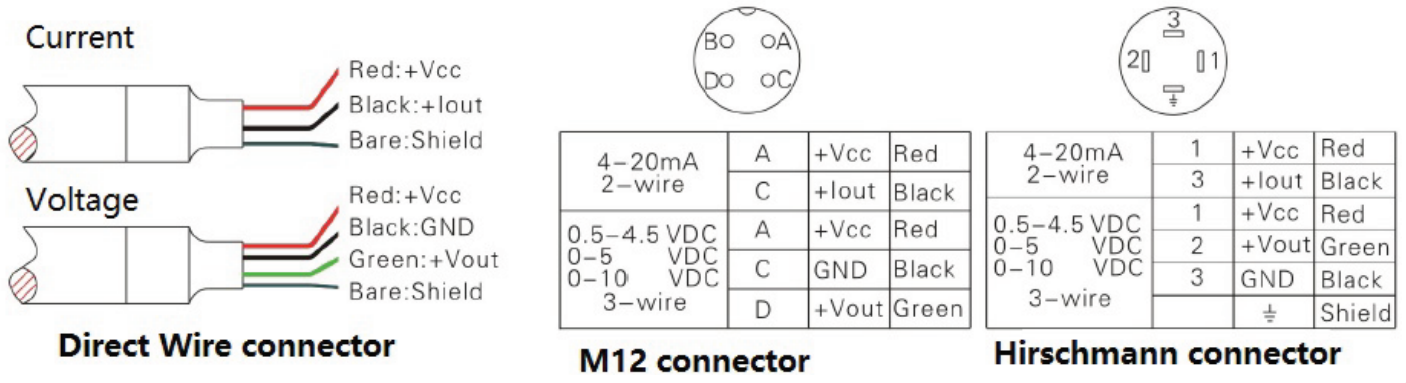
ULTRA LOW TEMPERATURE PRESSURE TRANSDUCER
Application:

Low temperature pressure measurement for liquid oxygen/nitrogen/hydrogen/helium, Cooling tanks, cryogenic tanks and cryogenic propellants.


Specification:

Wetted Parts	:	17-4PH, steel
Range	:	0-10.....400bar
Pressure datum	:	Gauge pressure
Power Supply	:	9 - 36 VDC
Signal output	:	0-5VDC / 0-10VDC / 4-20mA
Accuracy	:	±2% FS(typical)
Non linearity	:	±0.1%FS
Repeatability	:	±0.2%FS
Operating temperature	:	-196°C to +125°C
Thermal zero drift	:	±1.0 ~ 4.0% F.S. Typ
Hot full-scale drift	:	±1.0 ~ 4.5% F.S. Typ
Response frequency	:	> 1kHz
Insulation resistance	:	≥ 100MΩ/50V
Safety overload	:	150% FS
Burst Pressure	:	300% FS
Vibration	:	Upto 5 ~ 1000Hz, amplitude 2mm, X, Y, Z each for 30 minutes
Shock	:	50g; X, Y, Z three-way, each to 20ms; output variation less than 0.1% FS
Connection	:	1/4" BSP or customized connection
Relative humidity	:	10~95% RH
Protection class	:	IP65 enclosure
Wire	:	Air plug and outlet, sealed lead directly
Agency Approval	:	CE

Dimension:


ULTRA LOW TEMPERATURE PRESSURE TRANSDUCER
Wiring Method:

HOW TO ORDER

Basic Model: CP67

1	0.5 to 4.5V (ratiometric)	2	4-20mA	3	1 to 5V	2
4	0 to 10V	5	0 to 5V	6	0 to 100mV	

Process Connection: 1

1	1/4" BSP (M)	2	1/2" BSP (M)	3	7/16" UNF (M)
4	1/4" NPT (M)	5	1/2" NPT (M)	7	1.5" Sanitary

Electrical Connection: 2

2	2ft Cable with IP68 Gland	3	M12	5	Bendix
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Pressure Range: 100

Please Refer to the range table

Units: B

B	Bar	K	kg/cm ²
P	Psi	M	MPa

Pressure Type: G

R	Relative Pressure
G	Gauge Pressure

Ordering Example : CP67-2-1-2-100-B-G


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