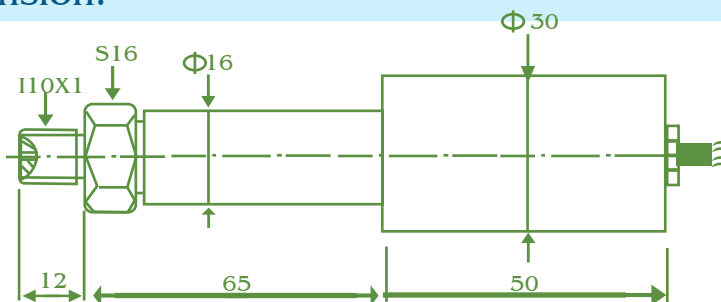


ULTRA LOW TEMPERATURE PRESSURE TRANSDUCER
Application:

Low temperature pressure measurement, liquid oxygen/nitrogen/hydrogen/helium, Cooling tanks, cryogenic tanks, cryogenic propellants such as pressure measurement


Specification:

Wetted Parts	:	17-4PH, 316L stainless steel
Range	:	0-10.....2000bar
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+125° {260°/350° (optional)}
Thermal zero drift	:	1.0 ~ 4.0% F.S. Tyr
Hot full-scale drift	:	1.0 ~ 4.5% F.S. Tyr
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:

Connector Type	4-20 mA Output	Voltage Output
	Pin 1 : + Excitation Pin 2 : + Output	Pin 1 : + Excitation Pin 2 : + Output Pin 3 : - Excitation/ - Output
	+ Excitation (RED) 4-20 mA Output Output (BLACK)	+ Excitation (RED) V Output + Signal (GREEN) - Excitation (BLACK)
	Pin 1 : Excitation Pin 3 : Output	Pin 1 : + Excitation Pin 3 : + Output Pin 4 : - Excitation/ - Output
	Pin 1 : Excitation Pin 2 : Output	Pin 1 : + Excitation Pin 2 : + Output Pin 3 : - Excitation/ - Output

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:

6

1	2ft Cable	2	2ft Cable with IP68 Gland	5	M12
4	Packard Metripak Connector	5	Bendix	6	Hirschman DIN 43650

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 : P8721-6-100BG