



TABLE 1

PIN	FUNCTION
A	+ EXCITATION
B	+ SIGNAL
C	- SIGNAL
D	- EXCITATION
E	RTD
F	RTD

UNLESS OTHERWISE SPECIFIED  
TOLERANCE UNLESS NOTED:  
X ± 0.3  
.X ± 0.2  
.XX ± 0.1  
ANGLES: ± 0.5°  
3.2/ FINISH ALL SURFACES  
DEBURR  
BREAK ALL SHARP EDGES  
CONCENTRICITY OF DIA'S WITH  
COMMON C.L.  
DIMENSIONS ARE IN MM UNLESS  
OTHERWISE SPECIFIED  
OTHER STANDARDS MAY APPLY

	BY	DATE
DRAWN		2024/11/9
CHECKED		
APPROVED		
WEIGHT	56g	
FIRST ANGLE PROJECTION		

- Accuracy:
  - Non-Linearity: 0.10%FSO (BFSL<sup>[Note1]</sup> Method over the entire operating temperature range) ;
  - Non-Repeatability: ±0.08%FSO at (25±5)°C, ±0.15%FSO at (200±5)200°C;
  - Hysteresis error: : ±0.15%FSO at (25±5)°C, ±0.2%FSO at 200°C;
  - Long-term stability: ±0.1% FSO per year<sup>[Note2]</sup>;
  - Sustained pressure/temperature stability:
  - When pressurized to full scale pressure at 200°C, full scale output will not shift more than ± 0.02%FSO in 7 days, nor more than ± 0.05%FSO in 30 days.
  - Zero offsets: less than 25 psi at 25°C over 6-month period.
- Environmental
  - Working temperature range: -40°C to +232°C(450°F);
  - Thermo drift of zero: ±0.015%FSO Per °C;
  - Thermo drift of sensitivity: ±0.025%FSO Per °C;
  - Error due to combined effect of shock, vibration and acceleration shall be less than 0.01% of FSO per g;
  - Vibration: 10g(RMS), 10Hz ~ 200Hz;
  - Shock: 1000g@1mS, half-sine acceleration.

Note1. Best-Fit Straight Line method.  
 Note2. The long-term stability refers to the drift of the full scale output(FSO) value of the product under the same environmental conditions, otherwise specified.  
 Note3. Shore A hardness of the O-Ring: 90 min.;  
 Back-Ring Material : PEEK (Shore D hardness 90);  
 All sealing accessories are supplied with the product.

Beijing HaiZhuoLiKang Technology Co., Ltd.			
2 High-Range Pressure Transducers with RTD			
SIZE A4	DWG NO. XXXX-XX-450	MATERIAL Inconel® 718	REV. INIT. REL.
SCALE	DO NOT SCALE	SHEET: 1 OF 1	