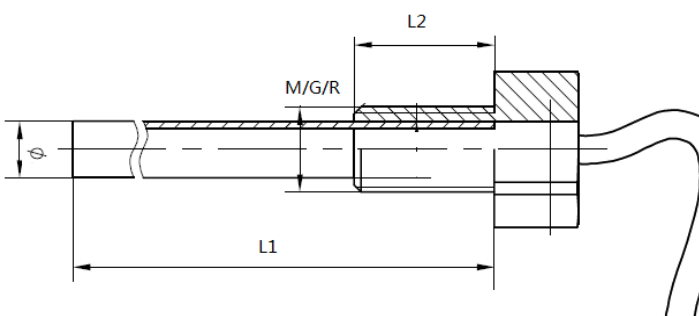


Product number	HX-RS-TP230x
Product name	Threaded platinum resistance temperature sensor
Product description	(1) The product complies with IEC and JIS related standards, and the product design complies with the requirements of the temperature measuring temperature sensor; (2) Nominal resistance: The resistance is 100Ω & 1000Ω at 0 C; (3) Accuracy level: A± (0.15+0.002 t) ; B ± (0.3+0.005 t) ; 1/3B± (0.1+0.0017 t) ; (4) Tolerance: Resistance deviation at 0 C, A 100±0.06Ω; B 100±0.12Ω; (5) Installation method: plug-in type, fixed thread, movable ferrule thread; (6) Thread specifications: M, G, R, NPT type; (7) Sealing level: IP68; (8) Nominal pressure: 0.6MPa; (9) Material: SUS304/SUS316, etc.; (10) Can be customized according to customer requirements.

Product model

	Coding	Parameter	
TP230x	P	Pt100	
TP₁₀230x	P ₁₀	Pt1000	
TP2301	M	Screw	4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 25, 27, 33, ...
		Pitch	0.5, 0.75, 0.8, 1.0, 1.25, 1.5, 2.0, 2.5, 3.0,
TP2302	G	Thread size	1/8, 1/4, 3/8, 1/2, 3/4, 1,
TP2303	R		
TP2304	N(NPT)		
TP230F		Movable thread	Customer specified
TP230S		(Special custom)※	Customer specified
Accuracy level	A	Class A	
	B	Class B	
	D1	1/3 DIN B	
	D2	1/10 DIN B ※	
Sensor structure	1	Single	
	2	Double	

Operating temperature	1	-20~85℃		Graphic example
	2	-50~150℃		
	3	-50~200℃		
	4	-50~300℃		
	5	Customer specified		
Protection tube	Diameter	Φ3.0mm;Φ4.0mm;Φ5.0mm;Φ6.0mm;Φ7.0mm; Φ8.0mm; Φ9.0mm;...		
	Length	30=30mm,35=35mm,60=60mm,150=150mm, ...Customer specified		
	Material	4=SUS304,6=SUS316		
lead	Wire system	2	Two-wire	
		3	Three-wire	
		4	Four-wire	
	Material	1	RVV	
		2	RVVP	
		3	AVVR	
		4	Teflon shielded wire	
		5	Teflon line	
		6	Silicone rubber line AGR	
Terminals	0	Bare wire		Physical example
	1	Pin terminal		
	2	U-shaped terminal		
	3	Customer specified		
Lead length	1000=1 Meter, 2000=2 Meter, 3000=3 Meter, ..., Customer specified			
Selection example	HX-RS-TP2304-N1/4-A-1-3-6-100-4-3-4-0-3000 Pt100, Thread size NPT1/4, Class A, Single, Operating temperature -50~200℃, Protection tube diameter 6mm,Protection tube length 100mm, Material SUS304,Three-wire, Teflon shielded wire, Bare wire, Lead length 3 Meter			