

Thermocouple & RTD Probe

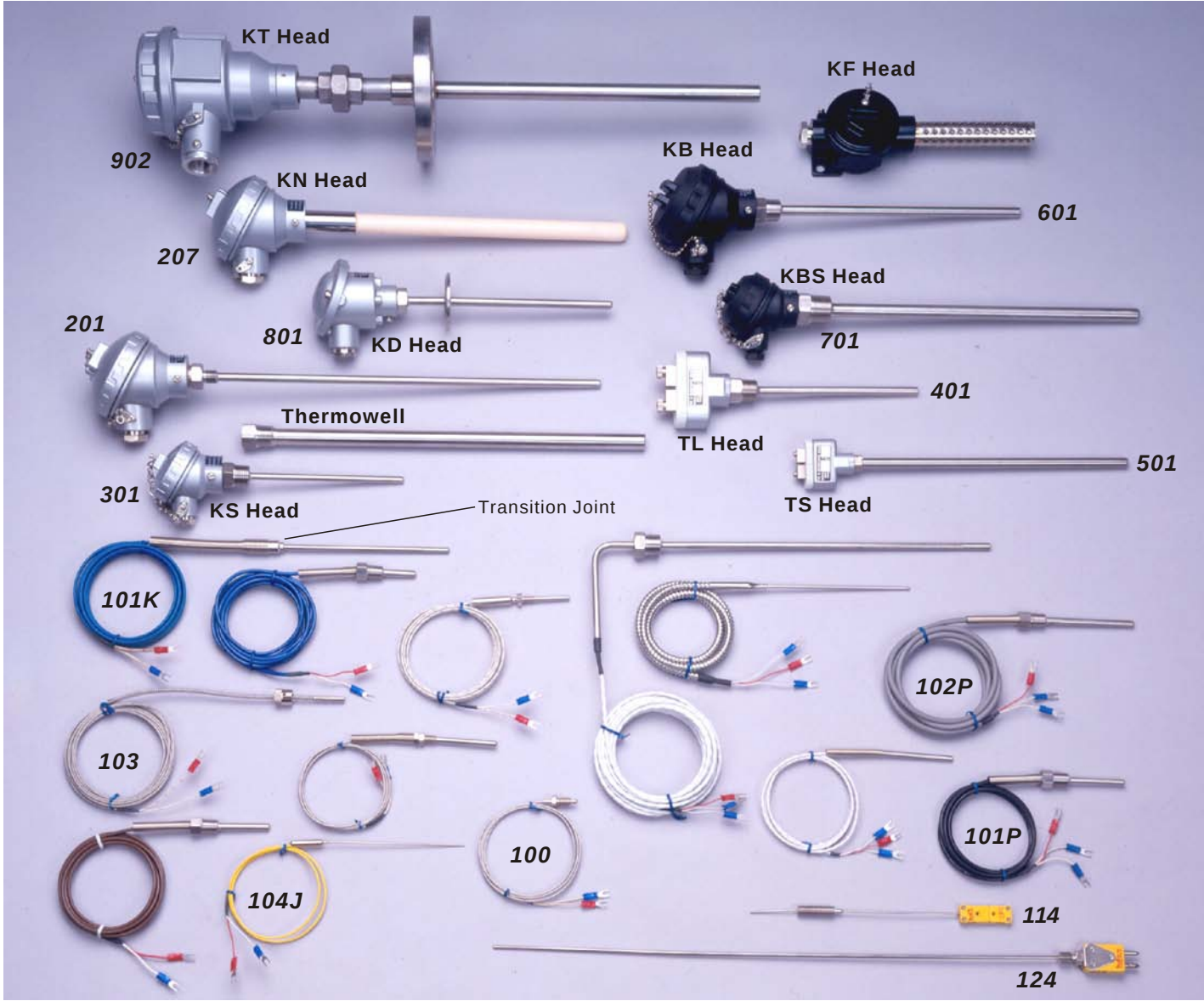
RTD Element

Probe Head & Terminal Block

Lead Wire

Thermowell & Fitting

We offer variety Thermocouple & RTD probes as custom sizes. Welcome custom sketches for consulting price and availability.



Ordering Guide

No.	1 0	1	K	G	D 5.0	L 150	S3	S	2.0
Terminal Type		Probe Type		Element		Tube Dia. (mm)		Tube Length	
10	Lead Wire Type	0	None	K	K(CA)	Sheath SS304/SS316		N	None
11	Miniature Male Connector	1	SUS304 Tube	J	J (IC)	1.0	3.2	A5	TJ 5Ø
12	Standard Male Connector	2	SUS316 Tube	P	Pt100W	1.6	4.0	A6	TJ 6Ø
		3	Bayonet 12.5%	R	R	2.3	4.8	A8	TJ 8Ø
20	KN Head	4	SS316Sheath Tube	S	S	3.2	5.0	A12	TJ12Ø
30	KS Head	5	Teflon Tube	T	T	4.8	6.0	M6	M6x1.0Pitch
40	TL Head	6	Ceramic Al ₂ O ₃ 99.8%	B	B	6.4	6.35	M8	M8x1.25Pitch
50	TS Head	7	Ceramic Al ₂ O ₃ 99.8%	E	E	8.0	8.0	S2	1/4"-20UNC
60	KB Head	8	Ti Tube	Junction Type				S3	5/16"-24UNF
70	KBS Head	9	Inconel #600					G	Grounded
80	KD Head	A	Air Probe	U	Ungrounded	6.0	10.0	T1	P1
90	KT Head	B	TP446 Tube	E	Exposed	8.0	12.7	T2	P2
KF	KF Head							T3	P3
22	KN-Dual Element							T4	P4
32	KS-Dual Element							T6	P6
62	KB-Dual Element							T8	P8
72	KBS-Dual Element							T10	P10
								B1	1/8"
								B2	1/4"
								B3	3/8"
								B4	1/2"
								B6	3/4"
								B8	1"
								B10	1 1/4"
								Specify other request Ex 1): Max. Temperature Ex 2): Adjustable Fitting Ex 3): Flange size : : :	

Probe Head & Terminal Block



Head No.	TS	TL	KBS	KB	KSE	KNE
Material	Alloy-Aluminum		Bakelite		Alloy-Aluminum	
Tube Entry	PF1/4"	PF1/2"	PF1/4"	PF1/2"	PF1/4"	PF1/2"
Wire Entry	None	None	PF3/8"	PF1/2"	PF3/8"	PF1/2"
Head weight	50g	130g	82g	156g	144g	274g
Available Terminal Block	2P-C 2P-B 3P-B	2P-C 2P-B	S-2P-C S-3P-C S-4P-C S-2P-B S-3P-B S-4P-B	N-2P-C N-3P-C N-4P-C N-6P-C N-2P-B N-3P-B N-4P-B N-6P-B	S-2P-C S-3P-C S-4P-C S-2P-B S-3P-B S-4P-B	N-2P-C N-3P-C N-4P-C N-6P-C N-2P-B N-3P-B N-4P-B N-6P-B
Option (Tube Entry)	KN available: PF3/4", NPT1/2", NPT3/4", BSP1/2", BSP3/4", M20x1.5 KS available: PF1/2", BSP1/2", BSP1/4", BSP1/8"					
Option (Wire Entry)	KN available: PF3/4", NPT1/2", NPT3/4", BSP1/2", BSP3/4", M20x1.5 KS available: BSP3/8", NPT3/8", M16x1.5					

Compensating Wire

Wire Code	Max. Temp.
TC-CA-H (SOS)	200°C
TC-IC-H (SOS)	200°C
TC-PT-H (SOS)	200°C
TC-CA-H	200°C
TC-IC-H	200°C
RTD-PVC-B	105°C
RTD-PVC-G	105°C
RTD-TEFLON	200°C
TC-CA-G(4/0.32x2)	105°C
W-CA-G(7/0.32x2)	105°C
W-CA-G(4/0.65x2)	105°C
W-CA-G(7/0.32x2)	105°C
W-IC-G(4/0.65x2)	105°C
W-IC-G(7/0.65x2)	105°C
W-IC-H(4/0.65x2)	200°C
W-IC-H(7/0.65x2)	200°C
W-CA-H(7/0.32x2)	200°C
W-CA-H(4/0.65x2)	200°C
W-CA-H(7/0.65x2)	200°C
WCA-H(SOS) 4/0.65x2	200°C
WCA-H(SOS) 7/0.65x2	200°C
W-PR-H(4/0.65x2)	200°C
W-PR-H(7/0.65x2)	200°C
W-CRC-G(4/0.65x2)	105°C

Standard Connector

Option: Bracket
Part No. K-23

