

TR15-2 Remote Mount Industrial RTD Assembly

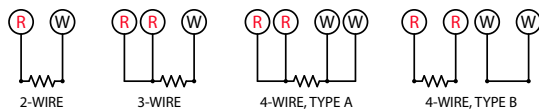
TR15 series resistance temperature detectors (RTDs) are remote mounted industrial assemblies supplied with or without a temperature transmitter. They are designed for applications where direct mounting is inaccessible, where there is excessive radiated or conducted heat, or applications where high vibrations exist.

An extensive range of elements, connection heads, insertion lengths and process connections can be individually selected for the appropriate application. Replacement sensors can also be configured for this model.

RTDs in this series can be inserted directly into a process or combined with a variety of thermowell designs.

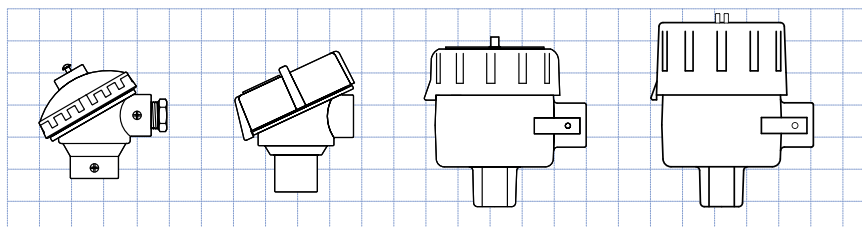
Features:

- The sensor can be mounted into a thermowell or directly into a process with the use of a spring loaded or compression process fitting.
- The assembly has electrical approvals for explosion proof hazardous locations, ingress protection and general purpose areas.
- Electrical authorities that have registered these approvals include CSA and FM.
- The RTD sensor can be spring-loaded ensuring a positive contact to the required location.
- For applications that are exposed to outside weather conditions or where moisture is present, the flexible armour extension can be provided with a moisture-proof jacket of PTFE (Teflon) or PVC.



Connection Heads

Imperial Grid 1" x 1"

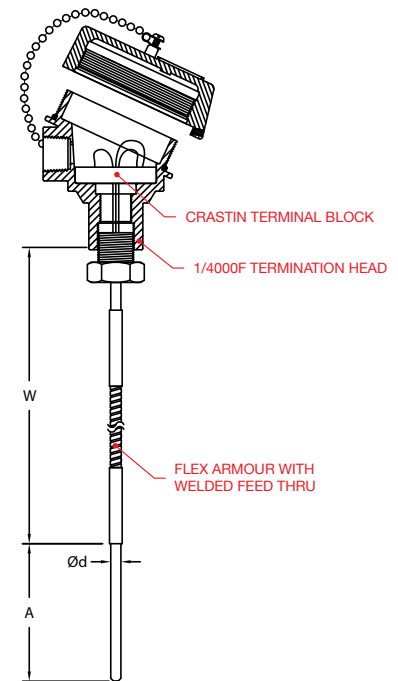


KN4-A
KN4-P

1/4000F
1/4000S

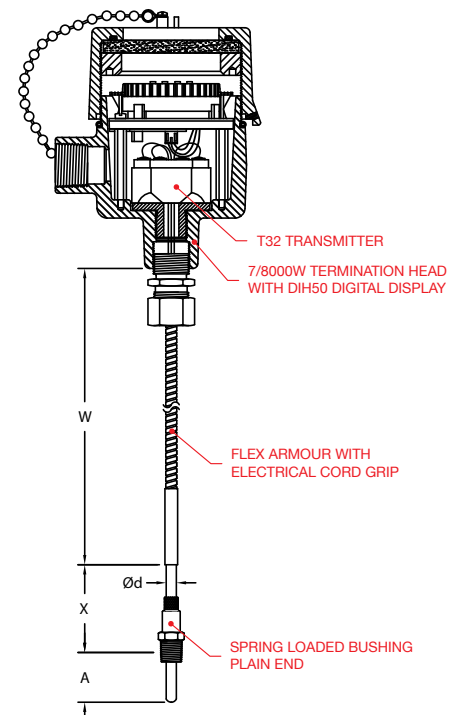
7/8000W

7/8000W
WITH DIGITAL DISPLAY



RTD ASSEMBLY SAMPLE

TR15-2-0I-L1AW131FW-B003601ZZZZZ-CBK1-P-00600-Z1



RTD ASSEMBLY SAMPLE

TR15-2-0I-LDAW136FC-B006001JK0300-CBHC1-P-00600-Z1

Create your product part number by selecting the appropriate assembly items from each of the categories below.

Enter the item code into the applicable box to generate the part number.

Note: Some configurations are unavailable. Your Wika sales representative will notify you if you have made an incorrect selection.

[illegible]

11	Process fitting style		E	Dual 2-wire
	J	Spring loaded bushing (plain end bushing - 303SS)	F	Dual 3-wire
	M	Spring loaded bushing (double threaded bushing - 303SS)	G	Dual 4-wire
	K	Spring loaded bushing with oil seal (double threaded bushing - 303SS)	H	Dual 4B-wire
	B	Compression fitting with SS ferrule		
	C	Compression fitting with Teflon ferrule		
	Z	without		
12	Process fitting thread size		16 Temperature range	
	K	1/2 NPT (male)	K	-50...+250 °C, thin film
13	J	3/4 NPT (male)	A	-50...+500 °C, thin film
	W	1/8 NPT (male) - Compression fitting only	M	-200...+250 °C, wire wound
	N	1/4 NPT (male) - Compression fitting only	T	-200...+450 °C, wire wound
	Z	Without	H	-200...+600 °C, wire wound
			Q	0...+750 °C, wire wound
			G	0...+150 °C, thin film
14	X-Dimension (X) - Process location start		17 Tip Construction	
	***	Please specify (e.g. 84 mm = 0084) (e.g. 9.5 inch = 0950)	C	General Purpose
15	RTD Sensor		F	Fast response (copper tip)
	D	Pt100, class B (IEC 60751)		
	C	Pt100, class A (IEC 60751)	18 Sensor diameter	
	F	Pt100, 1/10 DIN of class B at 0°C	1	1/4 inch / 0.250 inch (6.35 mm)
	E	Pt10, class A (IEC 60751)	2	1/8 inch / 0.125 inch (3.17 mm)
	A	Cu10, class B	3	0.215 inch (5.46 mm)
	B	Ni120, class B	4	3/16 inch / 0.188 inch (4.75 mm)
16	K	Pt1000, class B (IEC 60751)	8	3/8 inch / 0.375 inch (9.53 mm)
	J	Pt1000, class A (IEC 60751)	D	6.0 mm (0.235 inch)
	I	Pt100, class AA (IEC 60751)	19 Sheath material	
			P	Stainless steel 316 / 316 L (1.4401 / 1.4435)
			J	Inconel® 600 (2.4816)
	Wiring configuration		20 A-Dimension (A) - Sensor Insertion Length	
	A	Single 2-wire	****	Please specify (e.g. 84 mm = 00084) (e.g. 9.5 inch = 00950)
17			21 Certificates	
	B	Single 3-wire	1	Yes¹
	C	Single 4-wire	Z	Without

10	Termination	15	Wiring configuration
1	Stripped leads	A	Single 2-wire
2	Spade lugs (no termination head)	B	Single 3-wire
		C	Single 4-wire
		D	Single 4B-wire

¹See Data Sheet CERT.31 for certificate options and details.