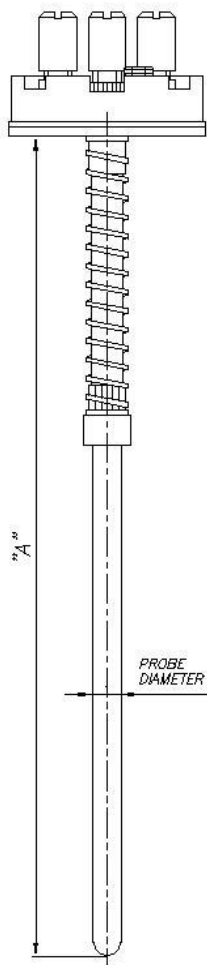


# MI-CABLE TC / Pt100 INSERTS

Ex ia / Ex ib approved sensors ATEX



## Specifications:

Probe type	Mineral insulated cable
Outside diameter	4,8 mm (3/16") or 6,0mm
Insulation material	densely packed MgO
Termination	ceramic DIN terminal block with clamp type terminals
Max. spring loading	50 mm
Probe length 'A'	to be specified

## THERMOCOUPLE

Type	iron-constantan, type J chromel-alumel, type K copper-constantan, type T nicrosil-nisil type N
Accuracy	ASTM E230/ANSI MC96.1: Std limits of error IEC 60584: Class 2
Min. insulation resistance	1000MΩ at ambient temp. with 500V DC
Sheath material	SS 316 for type J and T (Wstrn.1.4401); Inconel 600 for type K,N (Wstrn.2.4816)
Hot junction	insulated or individually insulated for duplex
Probe diameter	4,8 mm or 6,0mm, please specify

## RESISTANCE THERMOMETER

Element type	Pt100, single or duplex
Resistance values and tolerances	IEC 60751 class B
Max. voltage / current	5 Vdc / 10 mA
Min. insulation resistance	100 MΩ at ambient temp. with 100 V DC
Wiring system	3 wires from element
Probe diameter	6,0 mm

These items fit standard Ex ia/ib temperature sensors series XPS-20.000

## Ordering code:

Probe type	Single		Colour code TC		Duplex		Colour code TC	
			'A'	IEC/ASTM		'A'	IEC/ASTM	
J 4,8 mm	TEE-50482-	J	-□ mm-		TEE-52484-	J	-□ mm-	
K 4,8 mm	TEE-50482-	K	-□ mm-		TEE-52484-	K	-□ mm-	
T 4,8 mm	TEE-50482-	T	-□ mm-		TEE-52484-	T	-□ mm-	
N 4,8 mm	TEE-50482-	N	-□ mm-		TEE-52484-	N	-□ mm-	
Pt 100 6,0 mm	RTD-50603-	Pt100	-□ mm-		RTD-52606-	Pt100	-□ mm-	

□ = probe length 'A' in mm (to be specified)