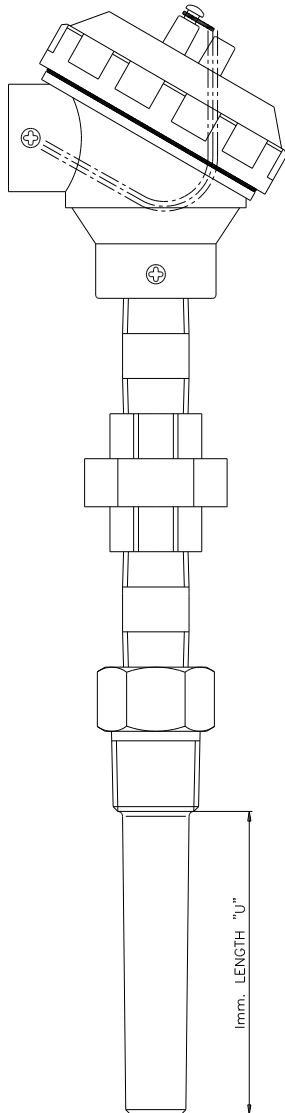


INDUSTRIAL TEMPERATURE SENSORS

with screwed bar stock thermowell



Specifications:

Series	:ITS-10.000
CONNECTION HEAD ASSEMBLY	
Type	:series TSA-10.000, weatherproof
Material	:cast-aluminium
Conduit entry thread	:3/4" NPT standard; if 1/2" NPT, M 20 or PG 16 is required, please specify
Terminal block	:ceramic with clamp type terminals
Extension	:1/2" galvanized nipple-union-nipple length approx. 160 mm
INSERT	
Thermocouple	:series TEE-10.000 single or duplex (probe diameter 4,8 mm or 6,4 mm)
Resistance thermometer	:series RTD-10.000 single or duplex 3-wire system (max. operating temperature 400 °C or 550 °C)
Insert length 'A'	:for replacement insert add 265 mm to 'U' length
For complete specification	:see separate datasheets
THERMOWELL	
Type	:drilled bar stock type TWE-21702
Material	:SS 316 (Wst.nr. 1.4401)
Bore	:7 mm
Hex size	:32 mm
Process connection	:3/4" NPT male thread
Stem size	:tapered from round 22 mm to 19 mm at the tip
Immersion length 'U'	:to be specified; replace box in ordering code with your required length
Total well length	: 'U' plus 45 mm

Ordering code:

Probe type	SINGLE				DUPLEX				
	Complete assembly		Replacement insert		Complete assembly		Replacement insert		
J	4,8 mm	ITS-10122- J	-□ mm	TEE-10482- J	-□ mm	ITS-12122- J	-□ mm	TEE-12484- J	-□ mm
J	6,4 mm	ITS-13122- J	-□ mm	TEE-10642- J	-□ mm	ITS-14122- J	-□ mm	TEE-12644- J	-□ mm
K	4,8 mm	ITS-10122- K	-□ mm	TEE-10482- K	-□ mm	ITS-12122- K	-□ mm	TEE-12484- K	-□ mm
K	6,4 mm	ITS-13122- K	-□ mm	TEE-10642- K	-□ mm	ITS-14122- K	-□ mm	TEE-12644- K	-□ mm
T	4,8 mm	ITS-10122- T	-□ mm	TEE-10482- T	-□ mm	ITS-12122- T	-□ mm	TEE-12484- T	-□ mm
T	6,4 mm	ITS-13122- T	-□ mm	TEE-10642- T	-□ mm	ITS-14122- T	-□ mm	TEE-12644- T	-□ mm
Pt 100	550 °C	ITS-10122- Pt100	-□ mm	RTD-10603- Pt100	-□ mm	ITS-12122- Pt100	-□ mm	RTD-12606- Pt100	-□ mm
Pt 100	400 °C	ITS-15122- Pt100	-□ mm	RTD-13643- Pt100	-□ mm	ITS-16122- Pt100	-□ mm	RTD-14646- Pt100	-□ mm

□ = immersion length 'U' in mm (to be specified)