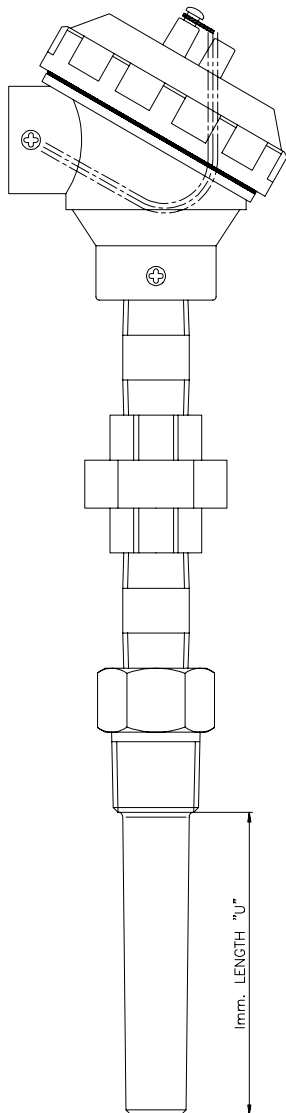


# INDUSTRIAL TEMPERATURE SENSORS

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 6,0 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	
		'U'		'A'		'U'		'A'
J 4,8 mm	ITS-10122-	J -□ mm	TEE-10482-	J -□ mm	ITS-12122-	J -□ mm	TEE-12484-	J -□ mm
J 6,0 mm	ITS-13122-	J -□ mm	TEE-10602-	J -□ mm	ITS-14122-	J -□ mm	TEE-12604-	J -□ mm
K 4,8 mm	ITS-10122-	K -□ mm	TEE-10482-	K -□ mm	ITS-12122-	K -□ mm	TEE-12484-	K -□ mm
K 6,0 mm	ITS-13122-	K -□ mm	TEE-10602-	K -□ mm	ITS-14122-	K -□ mm	TEE-12604-	K -□ mm
T 4,8 mm	ITS-10122-	T -□ mm	TEE-10482-	T -□ mm	ITS-12122-	T -□ mm	TEE-12484-	T -□ mm
T 6,0 mm	ITS-13122-	T -□ mm	TEE-10602-	T -□ mm	ITS-14122-	T -□ mm	TEE-12604-	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-13603-	Pt100-□ mm	ITS-16122-	Pt100-□ mm	RTD-14606-	Pt100-□ mm

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

Also available in inches