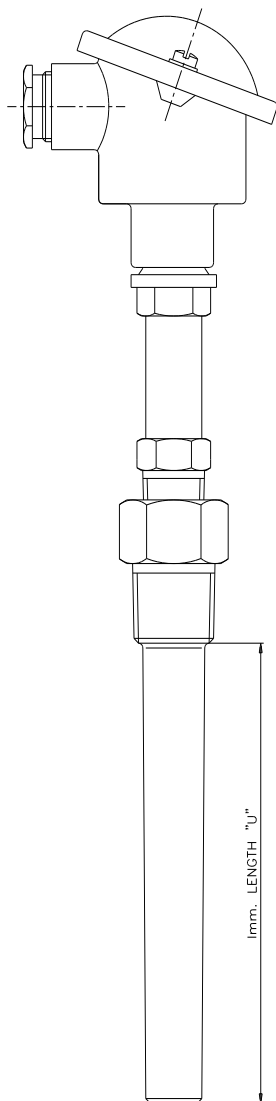


# INDUSTRIAL TEMPERATURE SENSORS

## DIN type, screwed bar stock thermowell



Series : ITS-20.000

### Specifications:

#### CONNECTION HEAD ASSEMBLY

Type : series TSA-20.000  
 Material : cast-aluminium  
 Conduit entry : PG 16 cable gland  
 Extension : galvanized nipple with gland nut for head adjustment; length approx. 75 mm

#### INSERT

Thermocouple : series TEE-20.000 single or duplex (probe diameter 4,8 mm or 6,4 mm)  
 Resistance thermometer : series RTD-20.000 single or duplex 3-wire system (max. operating temperature 400 °C or 550 °C)  
 Insert length 'A' : for replacement insert add 145 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-20522-	J -□ mm	TEE-20482-	J -□ mm	ITS-22522-	J -□ mm	TEE-22484-	J -□ mm
J 6,4 mm	ITS-23522-	J -□ mm	TEE-20642-	J -□ mm	ITS-24522-	J -□ mm	TEE-22644-	J -□ mm
K 4,8 mm	ITS-20522-	K -□ mm	TEE-20482-	K -□ mm	ITS-22522-	K -□ mm	TEE-22484-	K -□ mm
K 6,4 mm	ITS-23522-	K -□ mm	TEE-20642-	K -□ mm	ITS-24522-	K -□ mm	TEE-22644-	K -□ mm
T 4,8 mm	ITS-20522-	T -□ mm	TEE-20482-	T -□ mm	ITS-22522-	T -□ mm	TEE-22484-	T -□ mm
T 6,4 mm	ITS-23522-	T -□ mm	TEE-20642-	T -□ mm	ITS-24522-	T -□ mm	TEE-22644-	T -□ mm
Pt 100 550 °C	ITS-20522-	Pt100-□ mm	RTD-20603-	Pt100-□ mm	ITS-22522-	Pt100-□ mm	RTD-22606-	Pt100-□ mm
Pt 100 400 °C	ITS-25522-	Pt100-□ mm	RTD-23643-	Pt100-□ mm	ITS-26522-	Pt100-□ mm	RTD-24646-	Pt100-□ mm

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