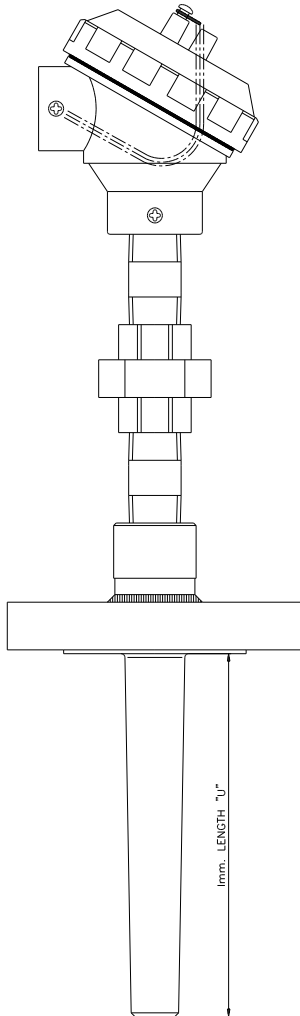


# INDUSTRIAL TEMPERATURE SENSORS

with flanged bar stock thermowell



## Specifications:

Series	:ITS-10.000
<b><u>CONNECTION HEAD ASSEMBLY</u></b>	
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
<b><u>INSERT</u></b>	
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 ordering information see overleaf
For complete specification	:see separate datasheets
<b><u>THERMOWELL</u></b>	
Type	:drilled bar stock with flange type TWE-23702
Material	:SS 316 (Wst.nr. 1.4401)
Bore	:7 mm
Bar stock diameter	:32 mm
Flange size, rating and material	:to be specified
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 50 mm

## Ordering code:

Probe type	SINGLE Complete assembly			DUPLEX Complete assembly		
		'U'	Flange		'U'	Flange
J 4,8 mm	ITS-10162-	J -□ mm-□		ITS-12162-	J -□ mm-□	
J 6,4 mm	ITS-13162-	J -□ mm-□		ITS-14162-	J -□ mm-□	
K 4,8 mm	ITS-10162-	K -□ mm-□		ITS-12162-	K -□ mm-□	
K 6,4 mm	ITS-13162-	K -□ mm-□		ITS-14162-	K -□ mm-□	
T 4,8 mm	ITS-10162-	T -□ mm-□		ITS-12162-	T -□ mm-□	
T 6,4 mm	ITS-13162-	T -□ mm-□		ITS-14162-	T -□ mm-□	
Pt 100 550 °C	ITS-10162-	Pt100-□ mm-□		ITS-12162-	Pt100-□ mm-□	
Pt 100 400 °C	ITS-15162-	Pt100-□ mm-□		ITS-16162-	Pt100-□ mm-□	

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