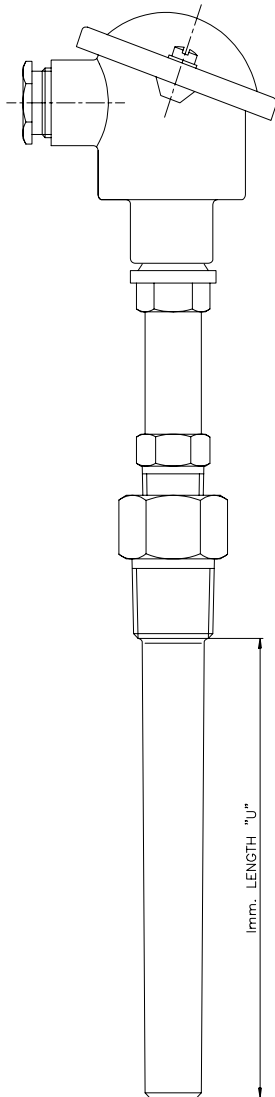


INDUSTRIAL TEMPERATURE SENSORS

DIN type, screwed bar stock thermowell



Specifications:

Series	:	ITS-20.000
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 6,0 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 6,0 mm	ITS-23522-	J -□ mm	TEE-20602-	J -□ mm	ITS-24522-	J -□ mm	TEE-22604-	J -□ mm
K 4,8 mm	ITS-20522-	K -□ mm	TEE-20482-	K -□ mm	ITS-22522-	K -□ mm	TEE-22484-	K -□ mm
K 6,0 mm	ITS-23522-	K -□ mm	TEE-20602-	K -□ mm	ITS-24522-	K -□ mm	TEE-22604-	K -□ mm
T 4,8 mm	ITS-20522-	T -□ mm	TEE-20482-	T -□ mm	ITS-22522-	T -□ mm	TEE-22484-	T -□ mm
T 6,0 mm	ITS-23522-	T -□ mm	TEE-20602-	T -□ mm	ITS-24522-	T -□ mm	TEE-22604-	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-23603-	Pt100-□ mm	ITS-26522-	Pt100-□ mm	RTD-24606-	Pt100-□ mm

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

Also available in inches



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A/120
Rev.00 08/03