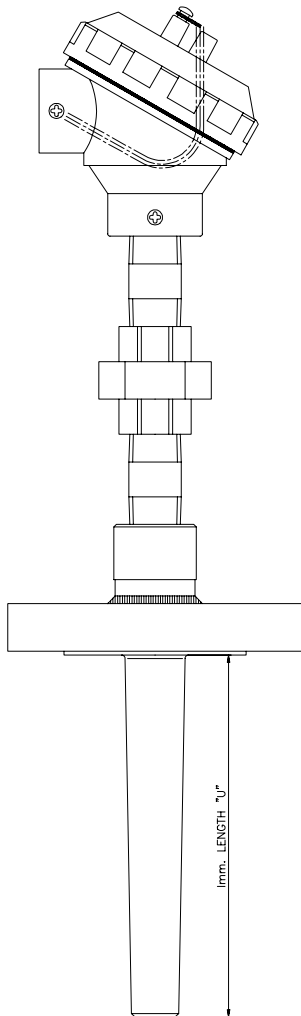


INDUSTRIAL TEMPERATURE SENSORS

with flanged 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 ordering information see overleaf
For complete specification	:	see separate datasheets
THERMOWELL		
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

J	4,8 mm
J	6,0 mm
K	4,8 mm
K	6,0 mm
T	4,8 mm
T	6,0 mm
Pt 100	Ø6.0 mm 550 °C
Pt 100	Ø6.0 mm 400 °C

SINGLE

Complete assembly

	'U'	Flange
ITS-10162- J	-□ mm-	□
ITS-13162- J	-□ mm-	□
ITS-10162- K	-□ mm-	□
ITS-13162- K	-□ mm-	□
ITS-10162- T	-□ mm-	□
ITS-13162- T	-□ mm-	□
ITS-10162- Pt100	-□ mm-	□
ITS-15162- Pt100	-□ mm-	□

DUPLEX

Complete assembly

	'U'	Flange
ITS-12162- J	-□ mm-	□
ITS-14162- J	-□ mm-	□
ITS-12162- K	-□ mm-	□
ITS-14162- K	-□ mm-	□
ITS-12162- T	-□ mm-	□
ITS-14162- T	-□ mm-	□
ITS-12162- Pt100	-□ mm-	□
ITS-16162- Pt100	-□ mm-	□

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



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