

## TE.34 Marine Temperature Sensor Assembly

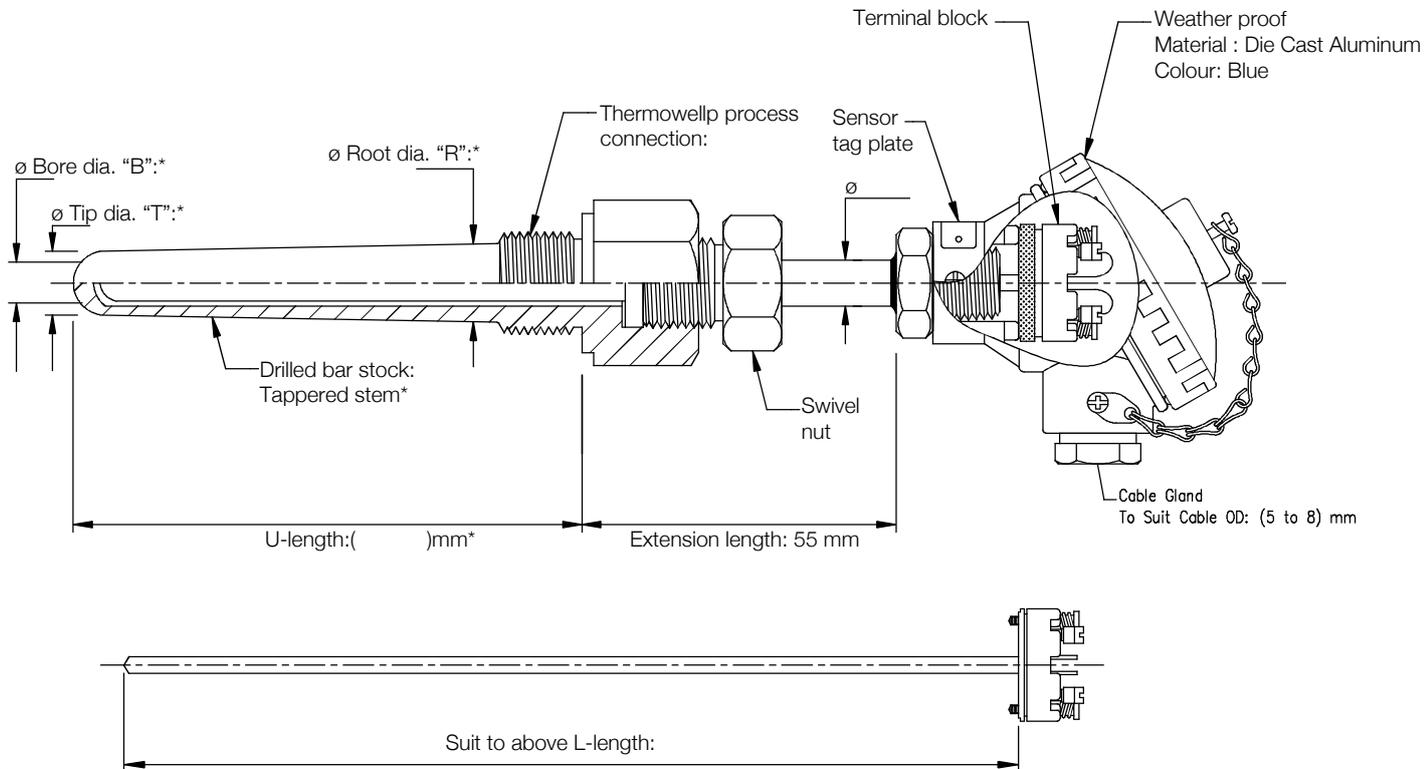
Temperature sensor assembly has been designed for marine application. It has been constructed to measure efficiently the exhaust gas and steam temperature at ship engine while it was vibrate.

Typical construction of sensor assembled with removable insert sensor in order to exchange it without removing from process line and the outer tube well protect the sensor.

Thread thermowell will be available as you need for better protection for sensor.



### General construction of sensor assembly



\*Please refer to our thermowell (TW512T) catalogue for more details.

# TE.34 Marine Temperature Sensor Assembly

<b>Sensor type</b>									
K	Type K Thermocouple								
J	Type J Thermocouple								
T	Type T Thermocouple								
E	Type E Thermocouple								
R	RTD ( Resistance Temperature Detector )								
Y1	Special version, to be specified								
<b>Tolerance type</b>									
A	Class A , IEC 751 , Ceramic bulb (RTD ) ( Note : the data for reference only , it may varies based on sensor type )								
<b>Sensor sheath</b>									
M1	MI-RTD-Ø 6 mm-Single-3 Wires-SS 316 ( Note : the data for reference only , it may varies based on sensor type )								
<b>Wire junction</b>									
U	Ungrounded ( Std for RTD )								
G	Grounded								
E	Exposed								
<b>Sheath length</b>									
xxxx	To be specified ( e.g 0125 for 125 mm long )								
<b>Housing/Enclosure</b>									
KN1	Weather Proof ( KNE ) , Die Cast Aluminum , Blue								
KN2	Weather Proof ( KNE ) , SS 316 , SS Colour								
KS	Weather Proof ( KS,small ) , Die Cast Aluminum , Blue								
KD	Weather Proof ( KD,DIN Form B ) , Die Cast Aluminum , Silver								
Z	None								
Y4	Special Version to be specified								
<b>Extension tube and Swivel nut size</b>									
1	Ø12 mm x 1/2" BSP M								
2	Ø12 mm x 3/4" BSP M								
3	Ø15 mm x 1/2" BSP M								
4	Ø15 mm x 3/4" BSP M								
Y6	Special version, to be specified								
<b>Stopper dimensions</b>									
S1	Ø17 mm x 8 mm thk. ( for 1/2" thread)								
S2	Ø22 mm x 8 mm thk. ( for 3/4" thread)								
Y7	Special version, to be specified								
<b>Documents (Optional)</b>									
In-house Calibration Certificate (RTD, Thermocouple)									
1	Three Point ( 0 to 500°C)								
2	Five Points ( 0 to 500°C)								
Z	None (Note : Non-Singlas / Singlas Calibration report is available upon request )								
<b>TE34</b>									
	1	2	3	4	5	6	8	9	10
									← Order Code