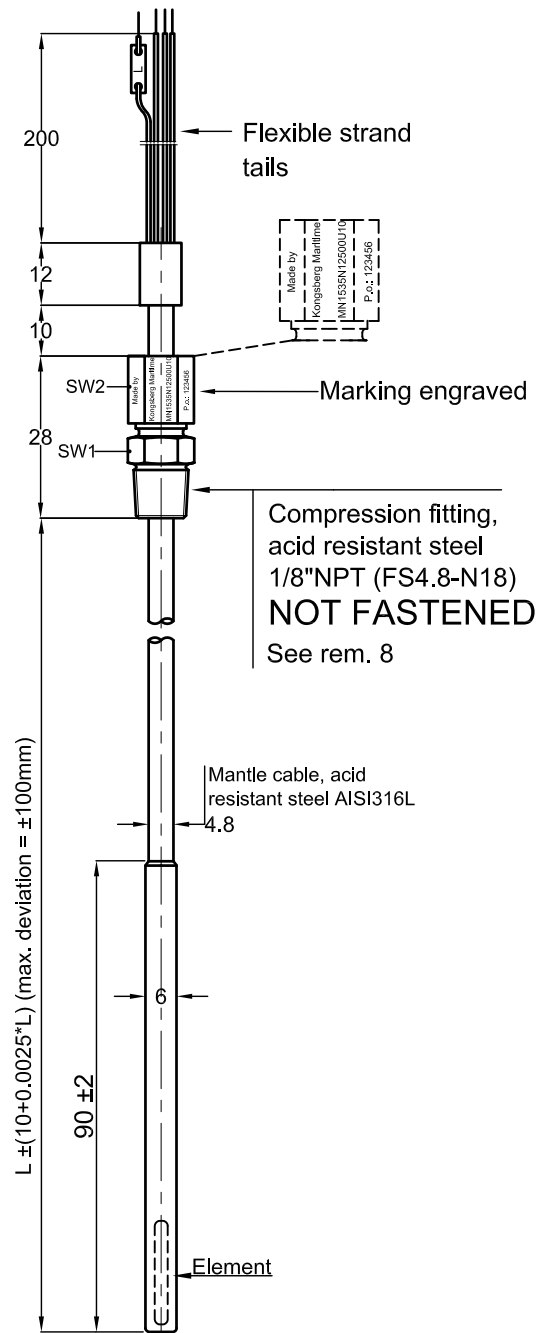




LETTER NO.1	EXPLANATION
A	4-wire connection Pt100 Class A
F	4-wire connection Pt100/Pt1000 Class B
N	4-wire connection Pt100 Class B 1/3 DIN
T	3-wire connection Pt100 Class B
S	Single element 2-wire Pt100/Pt1000 Class B
D	Double element 2-wire Pt1000 Class B

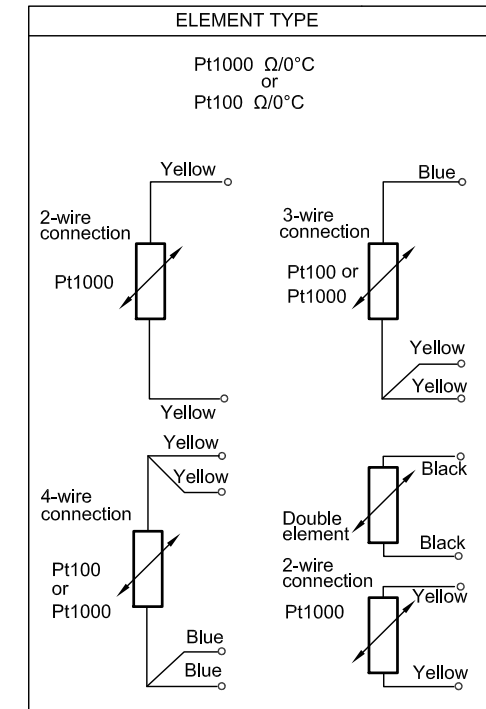
LETTER NO.2	ELEMENT	RANGE
M	Pt1000 Ω/0°C	-196 to 400°C
U	Pt100 Ω/0°C	-100 to 400°C

TECHNICAL DATA

- Element: PT100 Class A and Class B
According to IEC 60751 / (ITS90)
- Total temperature range:
Class A: -100°C to 400°C
Class B: -196°C to 400°C
- Tolerances temp. element at 0°C, according to IEC 60751 / (ITS90):
Class A: $\pm (0.15 + 0.002 |t|)$
Class B: $\pm (0.3 + 0.005 |t|)$
Class B 1/3 DIN: $\pm (0.1 + 0.005 |t|)$
- Insulation resistance: >1000 Mohm at 500V DC.
- Temperature range, flexible strand tails: -40 to 80°C.
- Material, sensor: AISI 316L.
- Protection grade, wetted parts: IP68.
- Tighten SW1 with 30Nm. (SW=11mm)
Tighten SW2 with 25Nm. (SW=11mm)

ORDERING EXAMPLE: MN1535 T 12500 U

Mechanical design _____
3-wire connection (letter no.1) _____
Length in mm _____
Element type Pt100 (letter no.2) _____



R	2012-04-19	Changed sensor pipe length from 95 to 90 mm	-	STS	AJS
Q	2012-04-18	Changed sensor pipe from 8 to 6 mm	-	STS	AJS
P	2011-10-17	Changed temp. range for Pt100	BEL	STS	AJS
N	2011-10-05	Changed technical data	BEL	MaV	AJS
M	2010-12-02	Changed color code 'T' & 'D'	STS	-	AJS
L	2010-11-26	Added double element Pt1000	STS	-	AJS
K	2009-03-16	Cable end 200 mm, BU	STS	AJK	SnB
REV.	DATE	DESCRIPTION	Designed by	Checked by	Approved by
				Kongsberg Maritime AS Merchant Marine Division Trondheim	
		Title Temperature sensor with flexible strand tails for oil and gas tanks		Sheet 1 of 1 Size A3 Scale -	
Project / Product name		Item number		Drawing type	
-		-		DIMENSIONAL SKETCH	
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