

Resistance thermometer type 130

for stern tube bearing

Certified by : DNV GL , LR

The type TG 130 according to drawing H110 - 130 was specially developed as a spring-loaded sensor with adjustable spring pressure for marine applications.

This type is supplied with the tube diameter 3,2 mm, the nominal length is up to a length of 25m selectable. The standard version of these sensors are provided with 150mm long Teflon single wire line, used for the electrical connection. Alternatively also longer connecting line can be installed.

The Bayonet coupling chrome plated brass with screw M8X1 serves to secure.

Available as single element with Pt100 or Pt1000 in 3- or 4-wire technology or as double element in 2- wire technology.

Technical data

Measuring resistor	Pt100 / Pt1000
Tolerance class	DIN EN60751 class B
Circuit	2-, 3-, or 4-wire technology
Measuring range	-50...+200 °C
Degree of protection	IP 66
Protection pipe	material 1.4541 / 1.4571
Max. length	approx 25 m
Response time	in water t 0,5 = 1,6 s t 0,9 = 4,5s
Bend radius	at least 10 mm at ø 3,2 mm

Examples of 1 x Pt100		
L mm	3-wire technology Article-No	4-wire technology Article-No
500	TF130.005	TF130.057
1500	TF130.010	TF130.083
4500	TH130.051
17000	TF130.074
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Type	TGPv2-130-...M8	TGPz2-130-...M8

Examples of 2 x Pt100	
L mm	2-wire technology Article - No
620	TF130.082
1500	TF130.075
9000	TF130.035
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Type	TG2P2-130-...M8

