



Water temperature sensor
type 2020



Weld-in plunger
type 2021

TECHNICAL DATA

Measuring Element:	Pt 100 according to DIN 60751 B, 1/3 tolerance
Dimensions:	Length: 240 mm Width: 54 mm
Weight:	approx. 0.210 kg (type 2020) approx. 0.350 kg (type 2021)

ORDERING CODE

Water temperature sensor	2020.0000
Weld-in plunger	2021.0000

INSTALLATION

The mounting proceeds, as previously described, through screwing up of the sensor into the weld-in plunger (see dimensions sketch, page 2).

MAINTENANCE

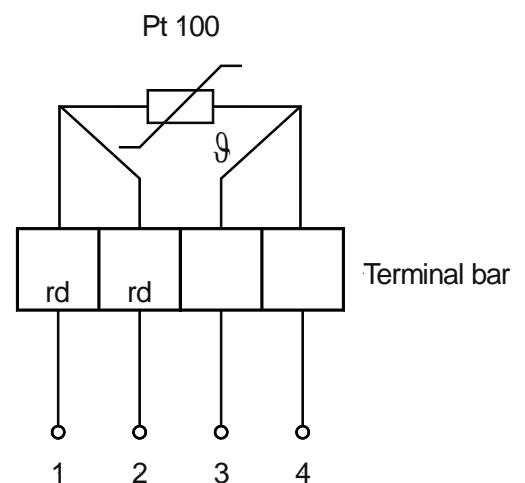
No maintenance is required!

DESCRIPTION

The water temperature sensor type 2020 is used in connection with the weld-in plunger type 2021; it serves for the measurement of the ambient water temperature on board of ships, offshore platforms etc. The installation is made by welding the plunger (stainless steel tube with flange) to the corresponding wall of a water box. After filling the tube with a special heat-conducting paste the temperature sensor is introduced and screwed up. The measuring element consists of an encased hard glass platinum resistance Pt 100 Ω , which is joined by means of a 4-line connection. The sensor is placed in a stainless steel shaft which is filled with heat-conducting powder. The housing of the cable terminal, which is screwed up with the shaft, consists of aluminium and is provided with a sealed screw cap and a screwed joint PG 9.

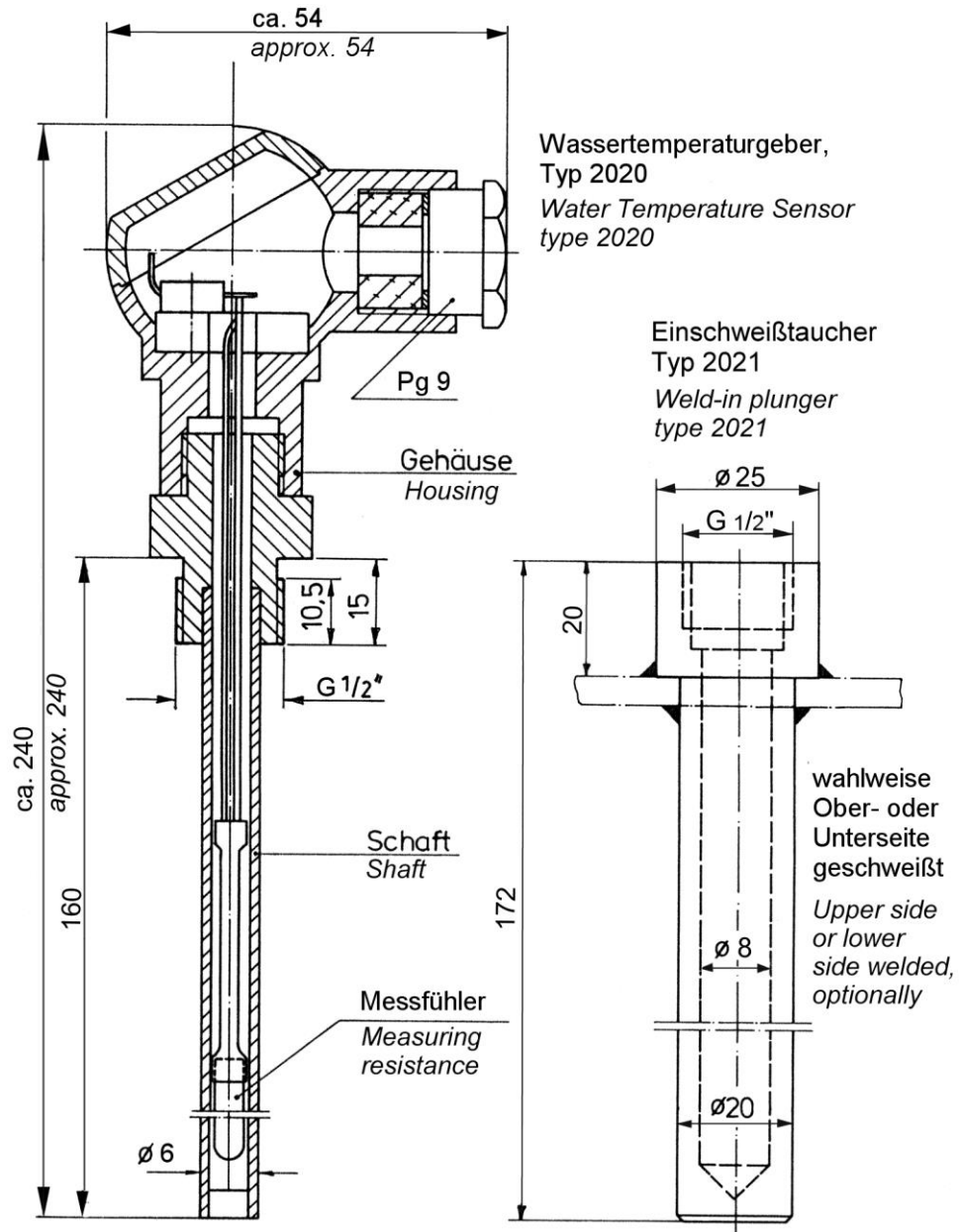
The terminal bar is located in the housing.

CONNECTION PLAN



Technical data are subject to change!

DIMENSION SKETCH



Technical data are subject to change!