

Resistance thermometer Type 166

for adjustable clamping fitting

Certified by : DNV GL, LR

Resistance thermometer for adjustable clamping fitting according to drawing H 301 – 166.

The fitting needs additional mounting space of approximately 50mm. An installed couple with free mounting length of e.g. 150mm has a total tube measurement of 200mm.

Standard of this thermometers is the measuring resistor Pt100 DIN EN60751 in the tolerance class B and for a temperature range from -50...+200°C.

Protection tube material 1.4541 / 1.4571, maximum temperature in connection head is 80°C, protection category IP54.

These resistance thermometer types are also available in different lengths, with other resistors and as thermocouple too.

Installation of a 2-wire transducer with output 4-20 mA possible.

Response time: in water $t_{0,5} = 16,2 \text{ s}$ $t_{0,9} = 43 \text{ s}$

Vibration test: 8g

TK 166

EL mm	1 x Pt100		
	2 – wire technology Article - No	3 – wire technology Article - No	4 - wire technology Article - No
50	TF166.004	TF166.159	TF166.046
100	TF166.005	TF166.153	TF166.047
150	TF166.006	TF166.160	TF166.048
200	TF166.007	TF166.161	TF166.049
250	TF166.008	TF166.149	TF166.050
Type	TKP2-166-...	TKPv2-166-...	TKPz2-166-...

EL mm	2 x Pt100	
	2 – wire technology Article - No	3 – wire technology Article - No
50	TF166.056	TF166.162
100	TF166.057	TF166.163
150	TF166.058	TF166.164
200	TF166.059	TF166.165
250	TF166.060	TF166.166
Type	TK2P2-166-...	TK2Pv2-166-...

Matching fitting			
Thread G	Part - No	SW 1	SW 2
G 1 / 2	R12-12S	27	24
G 3 / 4	R34-12S	32	24
M 18 x 1,5	M18-12S	24	24
Other threads on request			

