

Screw - in resistance thermometer Type 165

developed for middle mechanical load, with replaceable measuring insert

Certified by : DNV GL , LR

Resistance thermometer with connection head form B, firmly welded thread and neck tube, measuring insert replaceable. Protection category IP 54.

Blank tube: Type TK165, according to drawing H 420-165, protection tube material 1.4541 / 1.4571,
maximal temperature in connection head is 80 °C

Measuring insert: Type TF7, according to drawing H 601-7, for connection head form B.
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

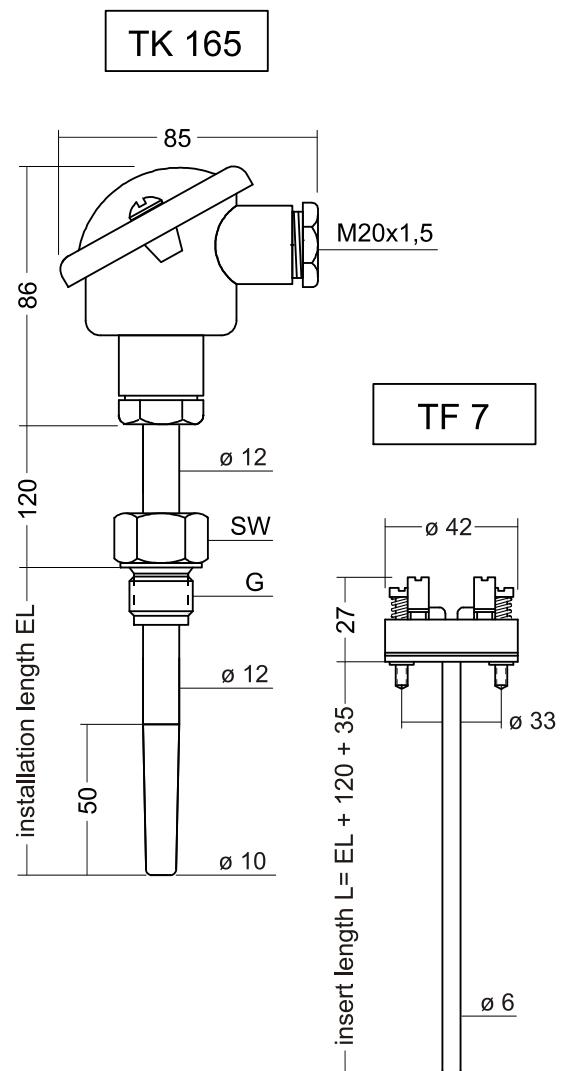
Response time: in water $t_{0,5} = 35 \text{ s}$ $t_{0,9} = 100 \text{ s}$

Vibration test: 8g

Blank tube Type TK 165		
EL mm	screw-in thread G1/2 SW 27	screw-in thread G3/4 SW 32
	Article - No	Article - No
50	TS165.001	TS165.007
100	TS165.002	TS165.008
150	TS165.003	TS165.009
200	TS165.004	TS165.010
250	TS165.005	TS165.011
Type	TSK8-165-...-R12	TSK8-165-...-R34
Other threads on request		

Measuring insert Type TF 7 d = 6 mm 1 x Pt100				
EL mm	2-wire technology	3-wire technology	4-wire technology	L Insert length
	Article - No	Article - No	Article - No	
50	TF007.0162	TF007.0597	TF007.0179	205 mm
100	TF007.0163	TF007.0595	TF007.0180	255 mm
150	TF007.0164	TF007.0578	TF007.0181	305 mm
200	TF007.0158	TF007.0594	TF007.0182	355 mm
250	TF007.0154	TF007.0640	TF007.0183	405 mm
Type	TM2P2-7-...	TM2Pv2-7-...		

Measuring insert Type TF 7 d = 6 mm 2 x Pt100			
EL mm	2-wire technology	3-wire technology	L Insert length
	Article - No	Article - No	
50	TF007.0191	TF007.0642	205 mm
100	TF007.0062	TF007.0644	255 mm
150	TF007.0192	TF007.0494	305 mm
200	TF007.0394	TF007.0033	355 mm
250	TF007.0193	TF007.0646	405 mm
Type	TM2P2-7-...	TM2Pv2-7-...	



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.