

# Resistance thermometer Type 29

developed for low mechanical stress

**Certified by : DNV GL , LR**

Resistance thermometers with protection tube and replaceable resistor insert consisting of:

**Protection tube,** Type TS29, according to drawing S210-29-1, material 1.4541 / 1.4571

**Measuring insert,** Type TKm29 according to drawing S 210-29-3, material as above.  
 degree of protection IP 54  
 Standard version of these temperature sensors are provided with Pt100 resistor element, tolerance class B DIN EN 60751, measuring range -50...+200°C. Maximum temperature in connection head is 80°C.

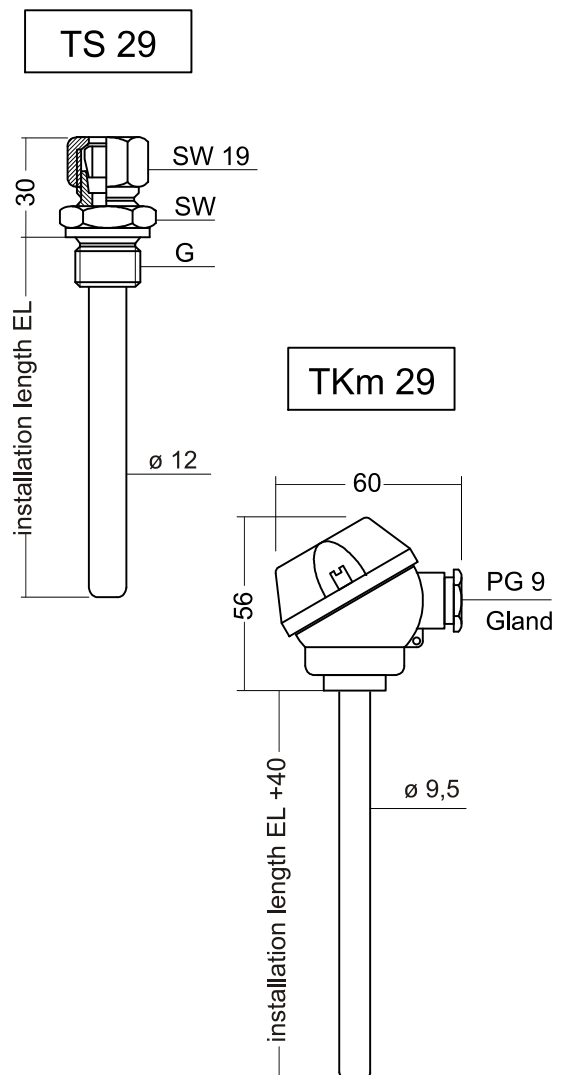
**Response time:** in water  $t_{0,5} = 28,8 \text{ s}$   $t_{0,9} = 100,8 \text{ s}$

**Vibration test:** 8g

Protection tube Type TS 29				
EL mm	Screw-in thread G1/2 SW 27		Screw-in thread G3/8 SW 22	
	Article - No		Article - No	
50	TS029.001		TS029.009	
100	TS029.002		TS029.010	
150	TS029.003		TS029.011	
200	TS029.007		TS029.012	
250	TS029.008		TS029.006	
Type	TS6-29-...-R12		TS6-29-...-R38	
Other threads on request				

Measuring insert Type TKm 29 1 x Pt100				
EL mm	2-wire technology		4-wire technology	
	Article - No		Article - No	
50	TM029.001		TM029.004	
100	TM029.002		TM029.021	
150	TM029.003		TM029.022	
200	TM029.009		TM029.023	
250	TM029.010		TM029.007	
Type	TKmP2-29-...		TKmPz2-29-...	

Measuring insert Type TKm 29 2 x Pt100				
EL mm	2-wire technology			
	Article - No			
50	TM029.029			
100	TM029.030			
150	TM029.031			
200	TM029.032			
250	TM029.033			
Type	TKm2P2-29-...			



This design is available in other installations length on request.