



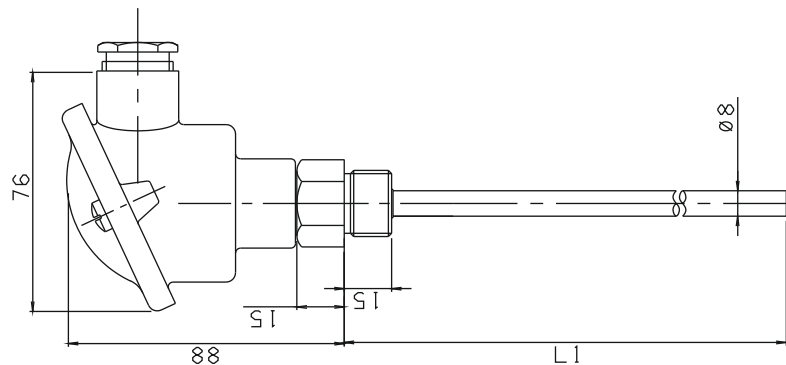
Resistance thermometer TYPE PTR

Classified



- Threaded immersion thermometer without extension length and with fixed insert for measurement of temperatures in gases, vapours and fluids, e.g. in sealed pipelines and containers - in the LOW-PRESSURE RANGE
- Fixed measuring insert according to IEC 751, standard 1/3 DIN.
- Protective sheath $\varnothing 8 \times 1$ mm of stainless steel AISI 316.
- 1/2" BSP mounting thread. (Rated torque: max. 50 Nm)
- Form B connection head of light-alloy metal according to DIN 43729, protection IP 65, cable gland M20.
- Response time (mean values) at velocities in:

water at 0.4 m/s:	$\tau_{0.5} = 7$ sec. - $\tau_{0.9} = 27$ sec.
air at 3.0 m/s:	$\tau_{0.5} = 40$ sec.
- Recommended measuring current: max. 2 mA.
- Approvals: Lloyd's Register of Shipping, DNV-GL, DNV-GL EU RO MR.



DNV-GL EU RO MUTUAL RECOGNITION TYPE APPROVAL CERTIFICATE - Group members are:



Ordering: See ordering form on back page

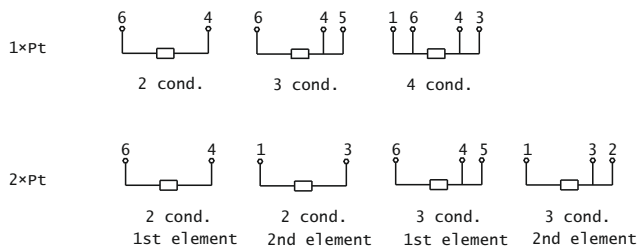


ORDERING FORM / RESISTANCE THERMOMETER TYPE PTR

Type PTR

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1	1	1	1	1	1			
Immers.length/L1/mm						Temperature range		
80 mm	1					1 .. -40 / +120°C		
100 mm	2							
125 mm	3							
150 mm	4							
200 mm	5				3	Tolerance class/DIN		
250 mm (not approved)	6				4 1/3 DIN : ±0.1		
					 1/6 DIN : ±0.05		
Sheath dia./wallthickn./mm						Resistance / ohms at 0°C		
8×1	1				1	100		
Mounting thread						Number of elements		
1/2"BSP	1		1			1×Pt		
Number of conductors								
4 cond.					4			
Prepared for 4 cond. transmitter					6			

Connection diagram:



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