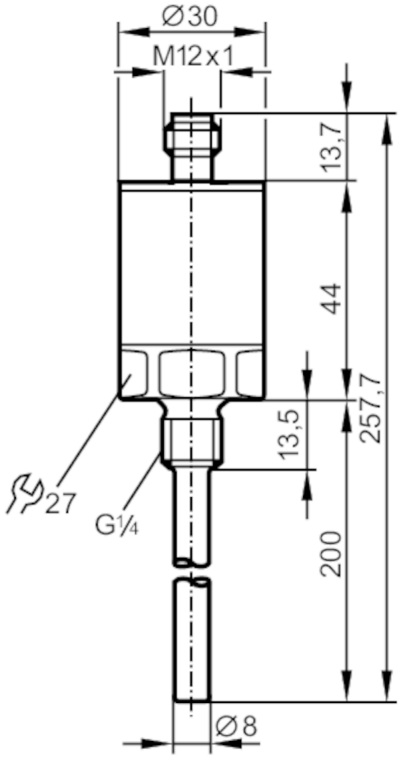
TA3171

Temperature transmitter

TA-200.CDR14-A-ZVG/US/

Article no longer available - archive entry

Alternative articles: TA3155
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics			
Number of inputs and outputs		Number of analogue outputs: 1	
Measuring range		-50...150 °C	-58...302 °F
Process connection		threaded connection G 1/4 external thread	
Installation length EL	[mm]	200	
Application			
Special feature		Gold-plated contacts	
Measuring element		1 x Pt 1000; (to DIN EN 60751, class A)	
Media		liquids and gases	
Medium temperature		< 150; (< 40 min) °C	< 302; (< 40 min) °F
Pressure rating	[bar]	160	
Minimum installation depth	[mm]	15	
Electrical data			
Operating voltage	[V]	10...30 DC; ("supply class 2" to cULus)	
Protection class		III	
Reverse polarity protection		yes	

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TA-200.CDR14-A-ZVG/US/

Inputs / outputs			
Number of inputs and outputs		Number of analogue outputs: 1	
Outputs			
Total number of outputs		1	
Output signal		analogue signal	
Number of analogue outputs		1	
Analogue current output	[mA]	4...20	
Max. load	[Ω]	500	
Overload protection		yes	
Measuring/setting range			
Probe length L	[mm]	186.5	
Measuring range		-50...150 °C	-58...302 °F
Resolution			
Resolution of analogue output	[K]	0.02	
Accuracy / deviations			
Precision analogue output	[K]	± 0,4	
Temperature coefficient [% of the span / 10 K]		< ± 0,1; (in case of deviation from the reference condition 25 ± 5 °C)	
Response times			
Dynamic response T05 / T09	[s]	1 / 3; (to DIN EN 60751)	
Operating conditions			
Ambient temperature	[°C]	-25...70	
Storage temperature	[°C]	-40...100	
Protection		IP 68; IP 69K	
Tests / approvals			
EMC		DIN EN 61000-4-2 ESD	4 kV CD / 8 kV AD
		EN 61000-4-3 HF radiated	10 V/m
		DIN EN 61000-4-4 Burst	2/1 kV
		DIN EN 61000-4-5 Surge	0,5/1 kV
		EN 61000-4-6 HF conducted	10 V
Shock resistance		DIN EN 60068-2-27	50 g (11 ms)
Vibration resistance		DIN EN 60068-2-6	5 g (10...2000 Hz)
Mechanical data			
Weight	[g]	137	
Dimensions	[mm]	Ø 30 / L = 257.7	
Materials		stainless steel (1.4404 / 316L); stainless steel (1.4301 / 304); stainless steel (1.4305 / 303); PA	
Materials (wetted parts)		stainless steel (1.4404 / 316L)	
Process connection		threaded connection G 1/4 external thread	
Installation length EL	[mm]	200	
Remarks			
Remarks		The values for accuracy apply to flowing water.	
Pack quantity		1 pcs.	

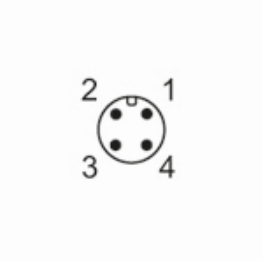
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Electrical connection

Connector: 1 x M12; coding: A; Contacts: gold-plated



Connection

