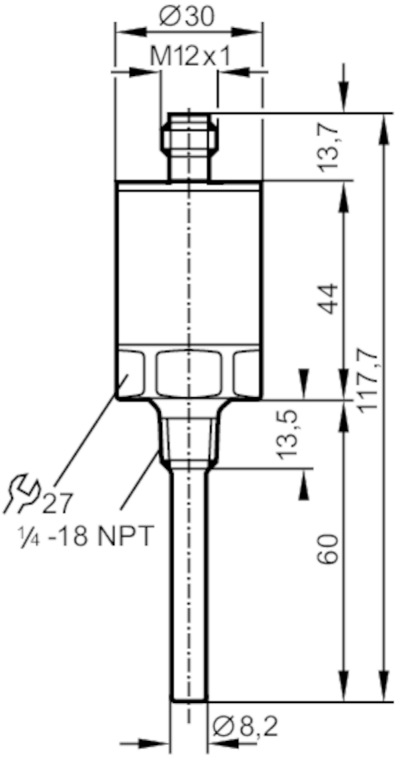
TA3333

Temperature transmitter

TA-060FLDN14-A-ZVG/US/

Article no longer available - archive entry

Alternative articles: TA3313
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		-17.8...148.9 °C	0...300 °F
Process connection		threaded connection 1/4" NPT	
Installation length EL	[mm]	60	
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]	300	
Minimum installation depth	[mm]	15	
Electrical data			
Operating voltage	[V]	10...30 DC	
Protection class		III	
Reverse polarity protection		yes	

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Temperature transmitter

TA-060FLDN14-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]	46.5	
Measuring range		-17.8...148.9 °C	0...300 °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 kV
		DIN EN 61000-4-5 Surge	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	10 g (10...2000 Hz)
Mechanical data			
Weight	[g]	124.4	
Dimensions	[mm]	Ø 30 / L = 117.7	
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 1/4" NPT	
Installation length EL	[mm]	60	
Remarks			
Remarks		operating voltage "supply class 2" according to cULus	
		The values for accuracy apply to flowing water.	

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Temperature transmitter

TA-060FLDN14-A-ZVG/US/

Pack quantity	1 pcs.

Electrical connection

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



Connection

