

TA3333



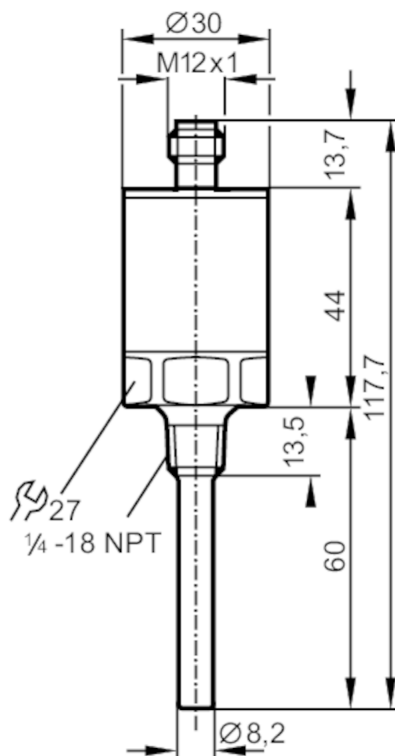
Temperature transmitter

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	



Temperature transmitter

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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 (316L/1.4404); stainless steel (304/1.4301); stainless steel (303/1.4305); PA	
Materials (wetted parts)		stainless steel (316L/1.4404)	
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.	
Pack quantity		1 pcs.	

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Electrical connection

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



Connection

