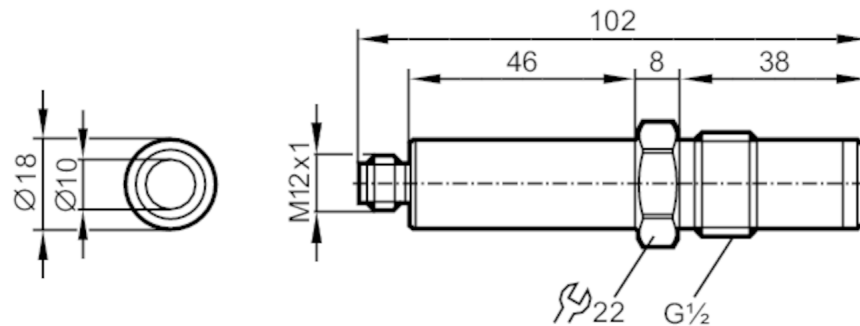


TA3597



Temperature transmitter

TA-000KLER12- /US



CE ENEC EC 1935/2004 FDA

Application		
Measuring element	1 x Pt 100; (to DIN EN 60751, class A)	
Media	liquids and gases	
Medium temperature	[°C]	< 100; (< 5 min: 150)
Pressure rating	[bar]	16
Electrical data		
Operating voltage	[V]	18...32 DC
Protection class		III
Reverse polarity protection		yes
Outputs		
Total number of outputs		1
Output signal		analogue signal
Number of analogue outputs		1
Analogue current output	[mA]	4...20
Measuring/setting range		
Measuring range	[°C]	0...100
Accuracy / deviations		
Precision analogue output	[K]	$\pm (0,25 K + 0,002 \times t)$
Temperature coefficient	[% of the span / 10 K]	0,1
Response times		
Dynamic response T05 / T09	[s]	10 / 40; (for water (70 °C; 0,04 m/s))
Operating conditions		
Ambient temperature	[°C]	-20...70
Storage temperature	[°C]	-40...85
Protection		IP 69K; (in conjunction with a corresponding connector)
Tests / approvals		
EMC	DIN EN 61000-6-2	
	DIN EN 61000-6-3	

TA3597



Temperature transmitter

TA-000KLER12- /US

Mechanical data

Weight	[g]	144.7
Dimensions	[mm]	Ø 18
Materials		stainless steel (1.4404 / 316L); PEEK
Materials (wetted parts)		stainless steel (1.4404 / 316L); PEEK
Tightening torque	[Nm]	10
Process connection		threaded connection G 1/2 sealing cone flush mountable
Surface characteristics Ra/Rz of the wetted parts		Ra: < 0.8

Remarks

Pack quantity	1 pcs.
---------------	--------

Electrical connection

Connector: 1 x M12; Contacts: gold-plated



Connection

