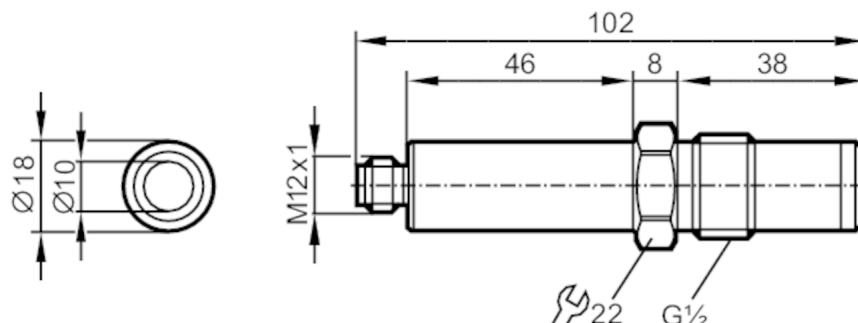


## Temperature transmitter

TA-000KLER12- /US



## Product characteristics

Number of inputs and outputs	Number of analogue outputs: 1
Measuring range [°C]	0...100
Process connection	threaded connection G 1/2 external thread sealing cone flush mountable

## Application

Special feature	Gold-plated contacts
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
Pressure rating [MPa]	1.6

## Electrical data

Operating voltage [V]	18...32 DC
Protection class	III
Reverse polarity protection	yes

## 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

## Measuring/setting range

Measuring range [°C]	0...100
----------------------	---------

## Accuracy / deviations

Precision analogue output [K]	± (0,25 K + 0,002 x 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))
--------------------------------	--

# TA3597



## Temperature transmitter

TA-000KLER12- /US

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	

Mechanical data		
Weight	[g]	146.5
Housing		cylindrical
Dimensions	[mm]	Ø 18 / L = 102
Materials		stainless steel (316L/1.4404); PEEK
Materials (wetted parts)		stainless steel (316L/1.4404); PEEK
Tightening torque	[Nm]	10
Process connection		threaded connection G 1/2 external thread 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; coding: A; Contacts: gold-plated



### Connection

