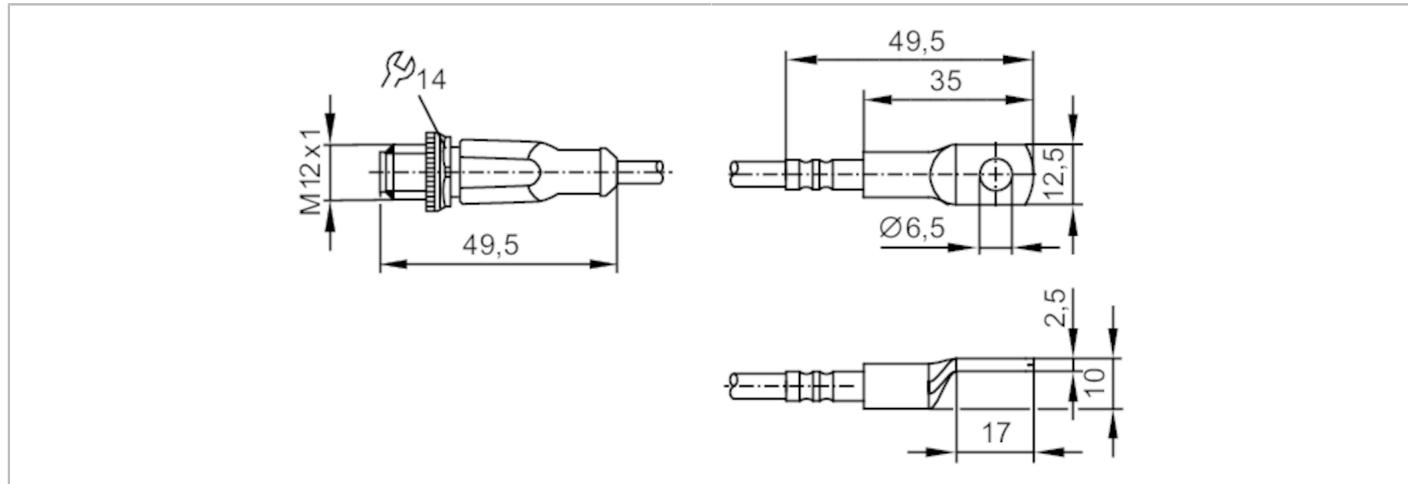


## Temperature cable sensor with bolt-on sensor

TS-PT100 CONTACT SENSOR



## Product characteristics

Measuring range	-40...90 °C	-40...194 °F
-----------------	-------------	--------------

## Application

System	gold-plated contacts
--------	----------------------

Measuring element	1 x Pt 100; (to DIN EN 60751, class A)
-------------------	--

Installation	Contact sensor for solid bodies
--------------	---------------------------------

## Electrical data

Insulation rating	[V]	2500; (Insulation between sensor housing and internal)
-------------------	-----	--

Protection class	III
------------------	-----

## Measuring/setting range

Measuring range	-40...90 °C	-40...194 °F
-----------------	-------------	--------------

## Accuracy / deviations

Accuracy	[K]	± (0,15 K + 0,002 x t )
----------	-----	-------------------------

## Reaction times

Dynamic response T05 / T09	[s]	9 / 15; (Values for a flat aluminium surface (anodized) using a conductive heat paste.; reference values for moving water : 10 / 24 (< 0,1 m/s))
----------------------------	-----	--

## Operating conditions

Protection	IP 67
------------	-------

## Tests / approvals

MTTF	[years]	11415.5
------	---------	---------

## Mechanical data

Weight	[g]	88.5
--------	-----	------

Housing	rectangular
---------	-------------

Design	bolt-on sensor
--------	----------------

Dimensions	[mm]	12 x 8.7 x 51
------------	------	---------------

Material	stainless steel (1.4303 / 305 / 308); copper nickel-plated
----------	--

## Remarks

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

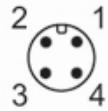
## Temperature cable sensor with bolt-on sensor

TS-PT100 CONTACT SENSOR

### Electrical connection

Cable: 2 m, PUR, Ø 4.9 mm; 4 x 0.34 mm<sup>2</sup> (42 x Ø 0.1 mm )

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



### Connection

