

TS2051

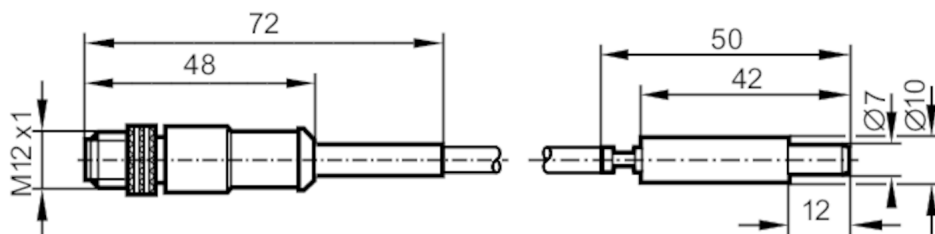


Temperature cable sensor with process connection

TS-200KCKD10-...../US/

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replaced by: TS2069 – Discontinuation date: 31.03.2016



Product characteristics

Measuring range	-40...150 °C	-40...302 °F
Installation length EL [mm]	42	

Application

System	gold-plated contacts
Measuring element	1 x Pt 1000; (to DIN EN 60751, class B)
Media	liquids and gases
Pressure rating [bar]	160
Note on pressure rating	for mounting in progressive ring fitting
Minimum installation depth [mm]	15

Electrical data

Protection class	III
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Measuring/setting range

Probe length L	[mm]	42	
Measuring range		-40...150 °C	-40...302 °F

Accuracy / deviations

Accuracy [K]	$\pm (0,30 K + 0,005 \times t)$
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Reaction times

Dynamic response T05 / T09 [s]	6 / 25; (according to DIN EN 60751)
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Operating conditions

Ambient temperature [°C]	-25...80
Note on ambient temperature	plug area
Protection	IP 67

Tests / approvals

MTTF [years]	22831.05
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Mechanical data		
Weight	[g]	113.2
Dimensions	[mm]	Ø 10
Material		stainless steel; FKM
Materials (wetted parts)		stainless steel (1.4404 / 316L)
Probe diameter	[mm]	10
Installation length EL	[mm]	42
Remarks		
Remarks		The values for accuracy apply to flowing water.
Notes		Discontinued article
Pack quantity		1 pcs.

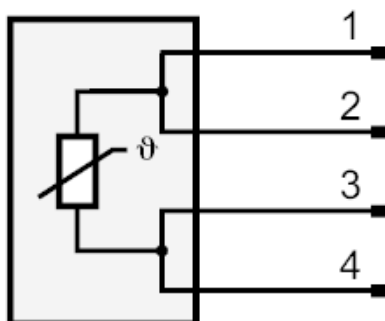
Electrical connection

Cable: 2 m, FKM

Connector: 1 x M12; Contacts: gold-plated



Connection



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