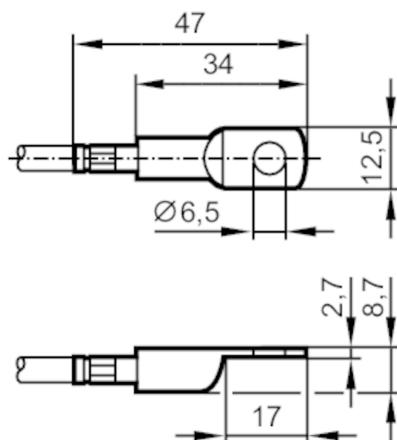


Temperature cable sensor with bolt-on sensor

TS-200-KL /US



Product characteristics

Measuring range	-40...90 °C	-40...194 °F
Process connection	bolt-on sensor 12,5 x 8,7 x 47 mm	

Application

Measuring element	1 x Pt 100; (to DIN EN 60751, class A)
Installation	surface mount RTD for solid bodies

Electrical data

Insulation rating	[V]	500
Protection class		III

Measuring/setting range

Measuring range	-40...90 °C	-40...194 °F
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Accuracy / deviations

Accuracy	[K]	$\pm (0,15 K + 0,002 x t)$
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Response times

Dynamic response T05 / T09	[s]	12 / 39; (values for a flat aluminium surface (anodised) using a conductive heat paste; reference values for moving water : 10 / 24 (< 0,1 m/s))
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Operating conditions

Protection		IP 67
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Tests / approvals

MTTF	[years]	12683.9
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Mechanical data

Weight	[g]	101.4
Housing		bolt-on sensor
Dimensions	[mm]	12.5 x 8.7 x 47
Materials		stainless steel (305/308/1.4303); copper nickel-plated
Process connection		bolt-on sensor 12,5 x 8,7 x 47 mm

TS2239



Temperature cable sensor with bolt-on sensor

TS-200-KL /US

Remarks

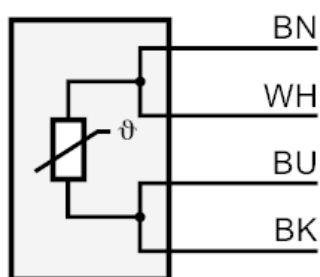
Pack quantity

1 pcs.

Electrical connection

Cable: 2 m, PUR, Ø 4.9 mm; with wire end ferrules; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Connection



	Core colours :
BK =	black
BN =	brown
BU =	blue
WH =	white