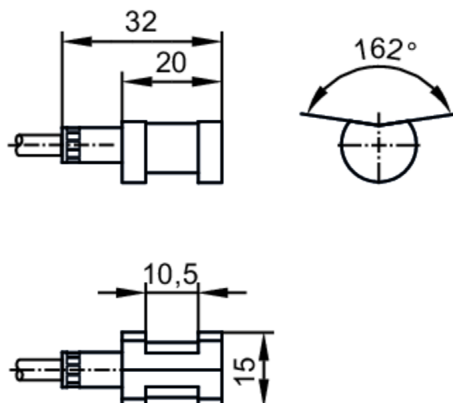


TS2947



Temperature cable sensor with bolt-on sensor

TS-200KLAA90-...../US/



Product characteristics

Measuring range	-30...70 °C	-22...158 °F
Process connection	bolt-on sensor Ø 30...110 mm	

Application

Measuring element	1 x Pt 1000; (to DIN EN 60751, class A)
Installation	Contact sensor for solid bodies

Electrical data

Insulation rating	[M]	100
Protection class		III

Measuring/setting range

Measuring range	-30...70 °C	-22...158 °F
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Accuracy / deviations

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

Dynamic response T05 / T09	[s]	29 / 73; (reference values for moving water : (> 0,4 m/s))
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Operating conditions

Protection	IP 52
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Mechanical data

Weight	[g]	68.5
Housing		tubular
Design		bolt-on sensor
Dimensions	[mm]	15 x 11.3 x 32
Material		Sleeve: 3.3211 (aluminium / 6061); fixing strap: stainless steel (1.4310 / 301)
Process connection		bolt-on sensor Ø 30...110 mm

Accessories

Items supplied	bolt-on sensor 1
	fixing strap 1

Remarks

Pack quantity	1 pcs.
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TS2947



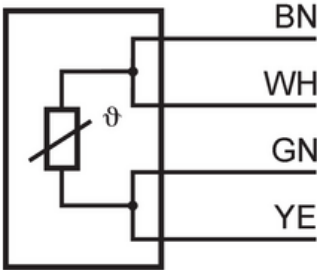
Temperature cable sensor with bolt-on sensor

TS-200KLAA90-...../US/

Electrical connection

Cable: 2 m, PUR, Ø 4 mm; with wire end ferrules; 4 x 0.14 mm²

Connection



BN	TMP	R+ (PT1000)
WH	TMP	R+ (PT1000)
GN	TMP	R- (PT1000)
YE	TMP	R- (PT1000)