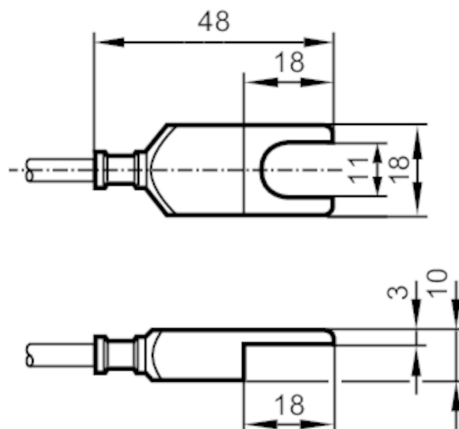


TS502A



Temperature cable sensor with bolt-on sensor

TS-500KEKD06...../5M/3D/3G



Product characteristics

Measuring range	-20...115 °C	-4...239 °F
Process connection	bolt-on sensor 10 x 18 x 48 mm	

Application

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

Electrical data

Protection class	III
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Measuring/setting range

Measuring range	-20...115 °C	-4...239 °F
Note on measuring range	Measuring range for non-ATEX applications: -20...150 °C / -4...302 °F	

Accuracy / deviations

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

Dynamic response T05 / T09	[s]	18 / 42
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Operating conditions

Protection	IP 67
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Tests / approvals

ATEX marking	II 3D Ex tc IIIC T135°C Dc X	
	II 3G Ex nA IIC T4 Gc X	
MTTF	[years]	14269.4

Mechanical data

Weight	[g]	234.5
Housing	bolt-on sensor	
Dimensions	[mm]	10 x 18 x 48
Material	stainless steel (1.4571/316Ti)	
Process connection	bolt-on sensor 10 x 18 x 48 mm	

Remarks

Pack quantity	1 pcs.
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TS502A



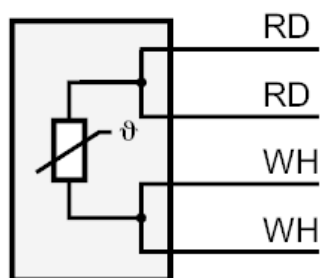
Temperature cable sensor with bolt-on sensor

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Electrical connection

Cable: 5 m, silicone

Connection



RD =

WH =

Core colors :

red

white