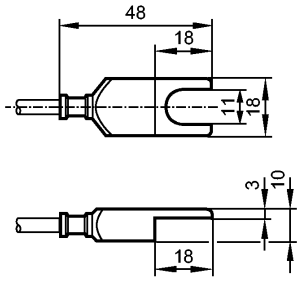
efector600

TS502A

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

Temperature sensors



CE

Product characteristics			
Temperature sensor for connection to evaluation units			
Bolt-on sensor 10 x 18 x 48 mm			
Cable			
ATEX approval			
Group II, category 3D/3G			
Measuring range: -20...115 °C / -4...239 °F, Measuring range for non-ATEX applications: -20...150 °C / -4...302 °F			
Measuring element: 1 x Pt 1000, to DIN EN 60751, class A			
Application			
Application		Contact sensor for solid bodies	
Electrical data			
Protection class		III	
Measuring / setting range			
Measuring range		-20...115 °C	-4...239 °F
Measuring range for non-ATEX applications		-20...150 °C / -4...302 °F	
Accuracy / deviations			
Accuracy		± (0.15 K + 0.002 x |t|)	
Reaction times			
Dynamic response	T05 / T09 [s]	18 / 42	
Environment			
Protection		IP 67	
Tests / approvals			
Marking of the unit		Ex II 3D Ex tc IIIC T135°C Dc X Ex II 3G Ex nA IIC T4 Gc X	
Mechanical data			
Housing materials		stainless steel 316Ti / 1.4571	
Weight	[kg]	0.239	
Electrical connection			
Connection		silicone cable / 5 m	

Wiring

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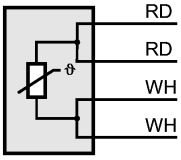
TS502A

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

Temperature sensors

Core colors

RD	red
WH	white



Remarks

Pack quantity	[piece]	1