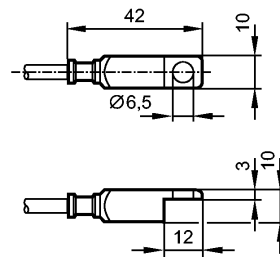


TS522A

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

Temperature sensors



Product characteristics

Temperature sensor for connection to evaluation units
Bolt-on sensor 10 x 10 x 42 mm
Cable
Process connection: Bolt-on sensor
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 100, to DIN EN 60751, class A

Application

Application	Contact sensor for solid bodies
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Electrical data

Protection class	III
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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)
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Response times

Dynamic response	T05 / T09 [s]	13 / 39
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Environment

Protection	IP 67
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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
MTTF [Years]	15221

Mechanical data

Process connection	Bolt-on sensor
Housing materials	stainless steel 316L / 1.4404
Weight [kg]	0.226

Electrical connection

Connection	silicone cable / 5 m
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Wiring

TS522A

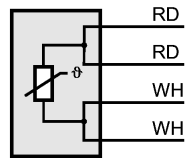
TS-500KEKD06...../5M/3D/3G

Temperature sensors

Core colours

RD red

WH white



Remarks

Pack quantity	[piece]	1
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