

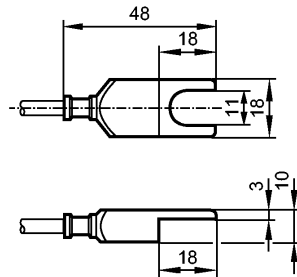


TS502A

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



Temperature sensors



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

$\pm (0.15 \text{ K} + 0.002 \times |t|)$

Reaction times

Dynamic response

T05 / T09 [s]

18 / 42

Environment

Protection

IP 67

Tests / approvals

Marking of the unit

II 3D Ex tc IIIC T135°C Dc X

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



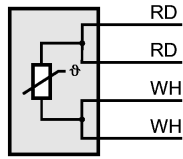
TS502A

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



Temperature sensors

Core colors
RD red
WH white



Remarks

Pack quantity [piece] 1

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — US — TS502A — 23.11.2012