efectorsod

TT3281

TT-350KFBD06- /US/

| TT-350KFBD06- /US/ | | | Temperature sensors | |
|--|--|-------------------------------------|---|--|
| | | | | |
| L = probe length (corres | sponds to insta | llation length EL) | | |
| CULUS EC 1935/2004 | | | | |
| Product characteristic | CS | | | |
| Temperature sensor for | connection to | a control monitor with a max. opera | ating voltage of 32 V | |
| Quick disconnect | | | | |
| Installation length EL: 3 | 50 mm | | | |
| gold-plated contacts | | | | |
| Connection to control m | nonitor TP / TR | | | |
| Measuring range: -40 | 150 °C / -403 | 802 °F | | |
| Measuring element: 1 x | Pt 100, to DIN | EN 60751, class A | | |
| Application | | | | |
| Application | | liquids and gases | | |
| Pressure rating | [bar] | | 160 | |
| Minimum installation de | epth [mm] | | 15 | |
| Electrical data | | | | |
| Connection to control m | nonitor | TP / TR | | |
| Protection class | | | | |
| | | | | |
| Measuring / setting ra | ange | | | |
| Measuring / setting ra Measuring range | ange | -40150 °C | -40302 °F | |
| | | -40150 °C | -40302 °F | |
| Measuring range | | | -40302 °F 0.15 K + 0.002 x t) | |
| Measuring range Accuracy / deviations | | | | |
| Measuring range Accuracy / deviations Accuracy | | | | |
| Measuring range Accuracy / deviations Accuracy Reaction times | \$ | | 0.15 K + 0.002 x t) | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response | \$ | | 0.15 K + 0.002 x t) 1 / 3 *) -2580 | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment | 5 T05 / T09 [s] | | 0.15 K + 0.002 x t) 1 / 3 *) | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature | 5 T05 / T09 [s] [°C] | | 0.15 K + 0.002 x t) 1 / 3 *) -2580 | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature | 5 T05 / T09 [s] [°C] | | 0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection | 5 T05 / T09 [s] [°C] | | 0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals | 5 T05 / T09 [s] [°C] | ± ((| 0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance | 5 T05 / T09 [s] [°C] | ± (0 | 0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance | 5 T05 / T09 [s] [°C] [°C] | ± (0 | 0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance MTTF | 5 T05 / T09 [s] [°C] [°C] | ± ((| 0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance MTTF Mechanical data | 5 T05 / T09 [s] [°C] [°C] | ± ((| 0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance MTTF Mechanical data Materials (wetted parts) | 5 T05 / T09 [s] [°C] [°C] [Years] | ± ((| 0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 ss steel 316L / 1.4404 | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance MTTF Mechanical data Materials (wetted parts) Probe diameter | 5 T05 / T09 [s] [°C] [°C] [°C] | ± ((| 0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 ss steel 316L / 1.4404 6 | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance MTTF Mechanical data Materials (wetted parts) Probe diameter Probe length L | 5 T05 / T09 [s] [°C] [°C] (°C] (°C] (°C] | | 0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 ss steel 316L / 1.4404 6 350 | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance MTTF Mechanical data Materials (wetted parts) Probe diameter Probe length L Installation length EL Housing materials Weight | 5 T05 / T09 [s] [°C] [°C] [°C] [°C] [mm] [mm] [mm] [mm] | | 0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 ss steel 316L / 1.4404 6 350 350 | |
| Measuring range Accuracy / deviations Accuracy Reaction times Dynamic response Environment Ambient temperature Storage temperature Protection Tests / approvals Shock resistance Vibration resistance Wibration resistance MTTF Mechanical data Materials (wetted parts) Probe diameter Probe length L Installation length EL Housing materials | 5 T05 / T09 [s] [°C] [°C] [°C] [°C] [mm] [mm] [mm] [mm] | ± ((| 0.15 K + 0.002 x t) 1 / 3 *) -2580 -40100 IP 68 / IP 69K 50 g (11 ms) 5 g (102000 Hz) 22831 ss steel 316L / 1.4404 6 350 350 ss steel 316L / 1.4404 | |



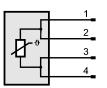
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TT3281

TT-350KFBD06- /US/

Wiring





| Remarks | | | |
|---------------|---------|--|--|
| Remarks | | cULus - Class 2 source required *) according to DIN EN 60751 The values for accuracy apply to flowing water. | |
| Pack quantity | [piece] | 1 | |

ifm efector, inc. \bullet 1100 Atwater Drive \bullet Malvern \bullet PA 19355 — We reserve the right to make technical alterations without prior notice. — US — TT3281 — 22.02.2011

