



Resistance thermometer Screw-in sensor with DST-M12x1 plug Series GF-7138/S

PRODUCT FEATURES

- ✓ Resistance thermometer acc. to DIN EN 60751
- ✓ High precision measuring system
- ✓ Single / double measuring system
- ✓ Vibration resistant design
- ✓ High temperature resistance
- ✓ Durable
- ✓ Process and fail safe
- ✓ Temperature and long-term stable
- ✓ FDA compliant version

TECHNICAL DETAILS

Core values

PT50/PT100/PT500/PT1000
KTY/NTC/PTC

Diameter

3,0 mm – 8,0 mm as standard

Form of the measuring tip

118° angled, plan, spherical

Installation length

Min. 20 mm up to max. 500 mm

Material

Sensor completely made out of stainless steel

Process temp. at the measuring tip

Up to +200 °C depending on version

Process connection

DIN 910 fixed screw

High – quality cable types

Connection cables
All available versions

Connectivity

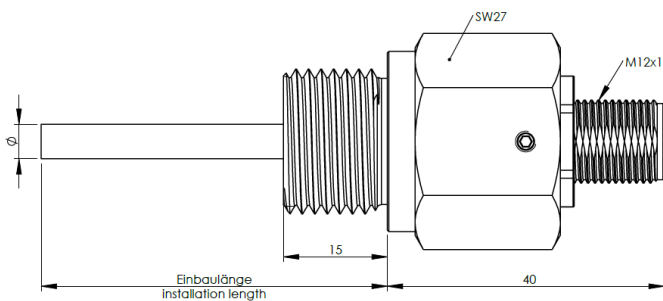
M12x1 plug connection 2-/3-/4-pole

Special version

Customized, on request

| | | | | | | | | | |
|--|-----------|---|-------|--|--|----|--|----|-------|
| Standard version | | | | | | | | | |
| | GF-7138/S | | | | | | | | |
| Number of measuring systems | | | | | | | | | |
| 1x | | 1 | | | | | | | |
| 2x | | 2 | | | | | | | |
| Core values measuring system | | | | | | | | | |
| PT100 Class B DIN EN 60751 | | | n/a | | | | | | |
| PT100 Class A DIN EN 60751 | | | K1.A | | | | | | |
| PT100 Class AA DIN EN 60751 | | | K1.AA | | | | | | |
| PT50/PT500/KTY/NTC/PTC + Type | | | KTY | | | | | | |
| Further versions on request | | | | | | | | | |
| Types of electrical circuits | | | | | | | | | |
| 2-wire-circuit | | | n/a | | | | | | |
| 3-wire-circuit | | | 3-L | | | | | | |
| 4-wire-circuit | | | 4-L | | | | | | |
| Diameter measuring tip | | | | | | | | | |
| 3,0 mm | | | 3,0 | | | | | | |
| 6,0 mm | | | 6,0 | | | | | | |
| 8,0 mm | | | 8,0 | | | | | | |
| Mention in mm | | | | | | | | | |
| Measuring tube form | | | | | | | | | |
| Angled 118° | | | | | | W | | | |
| Plan | | | | | | P | | | |
| Spherical | | | | | | B | | | |
| Special version | | | | | | | | | |
| Installation length | | | | | | | | | |
| 50 mm | | | | | | 50 | | | |
| Mention in mm | | | | | | | | | |
| Matching DIN910 screw | | | | | | | | | |
| G1/4 | | | | | | | | 43 | |
| G3/8 | | | | | | | | 44 | |
| G1/2 | | | | | | | | 82 | |
| Further versions on request | | | | | | | | | |
| Temperature measuring tip | | | | | | | | | |
| Mention in °C | | | | | | | | | 200°C |
| Order code (example) → GF-7138/S .1. K1.A. 3-L. 6,0. P. 50. 43. 200°C | | | | | | | | | |

DIMENSIONS





DIGITAL DATA
2D, 3D und CAD

to Download