



Resistance thermometer Screw-in sensor with M8 screw Series GF-7145

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

Ø6,00 mm as standard

Form of the measuring tip

118° angled, flat, convex

Installation length

11 mm as standard
Min. 9 mm up to max. 100 mm

Material

Sensor completely made out of
stainless steel

Kink protection spring

stainless steel

Process temp. at the measuring tip

Up to +600 °C depending on version

Process connection

M8 installation screw, loosely rotatable

High – quality cable types

Connection cables
All available versions

Connectivity

Free ends, plug

Special version

Customized, on request

Order code (example)	→	GF-7145	.1	-	3-L	6,0	B.	11.	36.	3000.		A.	400°C
-----------------------------	----------	---------	----	---	-----	-----	----	-----	-----	-------	--	----	-------

GF-7x45

20 Leitungslänge / cable length

28

6

11

6

Gewinde / thread

$\phi 6$

$\phi 6$

$\phi 6$

GF-7x45/G

Einbaulänge / installation length 6 8 20 Leitungslänge / cable length

$\phi 6$

Gewinde / thread

$\phi 6$

$\phi 6$

GF-7x45/W

Leitungslänge / cable length

13

6

Gewinde / thread

Einbaulänge / installation length

$\phi 6$

A white wireframe 3D cube is shown on a dark gray background. A circular arrow with a 3D effect surrounds the cube, pointing in a clockwise direction, suggesting a 3D model or a CAD file.