

Resistance thermometer Angled sensor with M8 screw Series GF-7145

PRODUCT FEATURES

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

TECHNICAL DETAILS

Core values

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

Diameter

Ø6,00 mm in standard

Form of the measuring tip

118° angled, plan, convex

Installation length

Min. 5mm up to max. 100mm

Material

Sensor completely made of 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

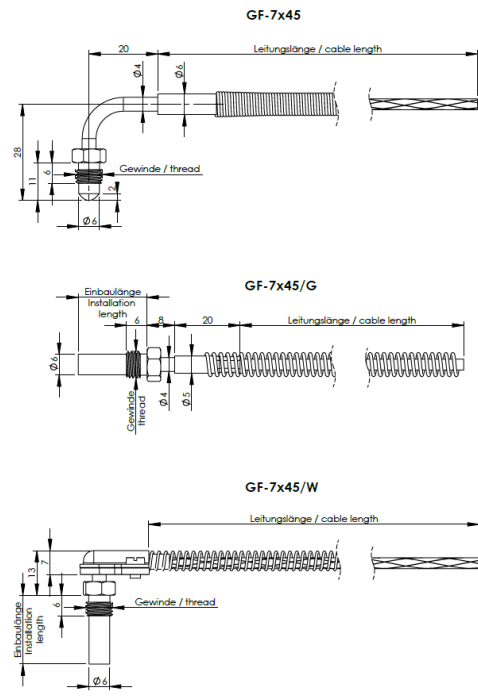
Special version

Customized, on request

Standard version		GF-7145							
Sensor versions									
Cable outlet „STRAIGHT“		/G							
Cable outlet “ANGLED 90°”		/W							
Cable outlet “ANGLED HEAD 90°”		/WK							
Number of measuring systems									
1x		1							
2x		2							
Core values measuring system									
PT100 Class B		n/a							
PT100 Class A		K1A							
PT100 Class AA		K1AA							
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							
Further versions on request									
Diameter of the measuring tube									
6,0 mm		6,0							
Further versions on request									
Measuring tube form (check graphic below)									
Angled 118°					W				
Plan					P				
Convex					B				
Special version									
Installation length									
50 mm		50							
Mention in mm									
Thread size									
M8		36							
M8x1		37							
Further versions on request									
Cable length in mm									
Mention in mm						XXXX			
Cable type									
Glass fiber - Glass fiber - stainless steel braid							without mention		
Glass fiber - Glass fiber - stainless steel braid - PTFE							GL-GL-PVA-TE		
R - Glass fiber - R - Glass fiber - stainless steel braid							RGL-RGL-PVA		
Check cable types									
Connection									
Free Ends, 60 mm								A	
Check ends								PRF	
LEMO plug + size + number of poles								LST2PS	
Round plug screw lock + size + number of poles								DST3PS	
M 12 Round plug + number of poles								EST-M12-4P	
Check plug types									
Temperature measuring tip									
Mention in °C									400°C

Order code (example)	→	GF-7145	1	-	3-L	6,0	B	50	36	3000	A	400°C
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MEASURES



DIGITAL DATA
2D, 3D and CAD

to Download