



Thermocouple Drum surface sensor Series GF-7044

PRODUCT FEATURES

- ✓ Thermocouples
acc. to DIN EN 60584
- ✓ High precision thermo cable
- ✓ Single / double measuring system
- ✓ Electrical isolated or not isolated
- ✓ Durable
- ✓ Process and failsafe
- ✓ Temperature and long term stable
- ✓ FDA compliant version

TECHNICAL DETAILS

Thermo voltage
Fe-CuNi/J-L, NiCr-Ni/K

Diameter
25,0 mm as standard

Design off the measuring tip
Plan or matching radius
Radius from 50 mm to 500 mm

Nominal length
Straight version 110 mm
Angled version 85 mm

Material
Stainless steel (housing)
Teflon / thermomaterial (measuring tip)

Kink protection spring
Stainless steel

Process temp. at the measuring tip
Up to +260 °C depending on version

Process connection
Flange
Mounting bracket

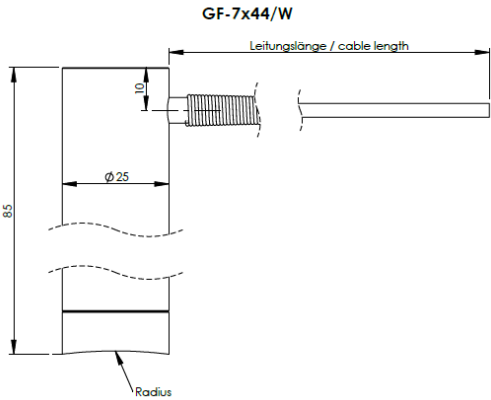
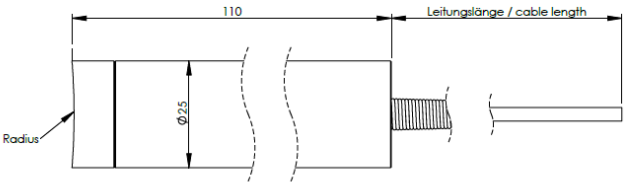
High quality inner wires
Thermocouple cable

Connectivity
Free ends, plug

Special version
Customized, on request

Standard version											
		GF-7044									
Cable outlet											
Straight		/G									
Angled (90°)		/W									
Number of measuring systems											
1x		1									
2x		2									
Type of element											
Fe-CuNi Type J DIN EN 60584		FK-J									
Fe-CuNi Type L DIN 43710		FK-L									
NiCr-Ni Type K DIN EN 60584		NC									
Check element selection											
Electrical properties											
Grounded		e									
Diameter of the measuring tip											
25 mm standard		25									
Mention in mm											
Drum diameter / surface											
Surface „Plan“		P									
Drum radius		250									
Mention in mm											
Cable length											
Mention in mm		3000									
Cable type											
Glass fiber - Glass fiber – stainless steel braid		n/a									
Glass fiber - Glass fiber – stainless steel braid - PTFE		GL-GL-PVA-TE									
Teflon-Silicone		TE-SI									
Teflon-braid-Teflon		TE-C-TE									
Silicone-Silicone		SI-SI									
Check cable types											
Connection											
Free Ends, 60 mm		A									
Check ends		PRF									
Thermo plug “S” standard / “M” mini / “X” element		TSTXS									
Round plug “C” 3-pole bayonet lock		CST3PB									
Round plug “C” 3-pole screw lock		CST3PS									
On request, see datasheet connectors											
Temperature measuring tube											
Mention in °C		260°C									
Order code (example) → GF-7044 /G .1. FK-J. e. 25. 250. 3000. A. 260°C											

DIMENSIONS



DIGITAL DATA
2D, 3D and CAD

to Download

