



Thermocouple Surface sensor with disk/ring cable lug Series GF-7029

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

Segment measures
Standard Ø16 x 5 mm

Leitungsabgang
Disk - angled 5°
Ring cable lug - straight

Material
Disk - stainless steel
Ring cable lug - pure nickel

Kink protection spring
Stainless steel

Process temp. at the measuring tip
Up to +600°C depending on version

Process connection
Standard M6 screw
Further versions on request

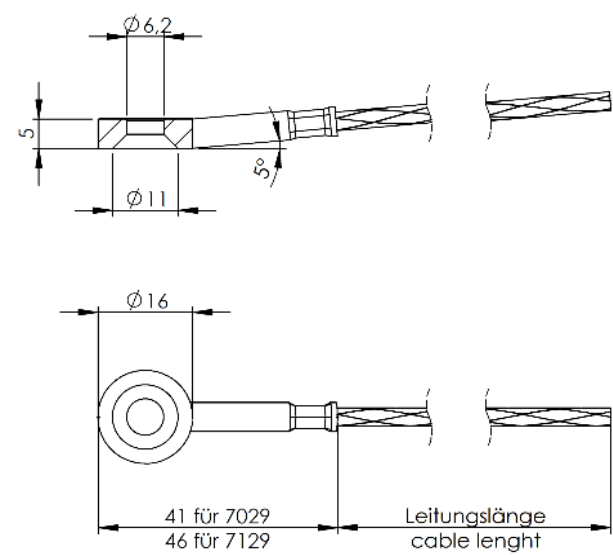
High - quality cable types
Thermocouple cables
All available versions

Connectivity
Free ends, plug

Special version
Customized, on request

Standard version									
	GF-7029								
Special version									
Standard version with disk		n/a							
Version with ring cable lug		/KAB							
Mantle-thermocouple version		/7050							
Number of measuring systems									
1 x		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							
Isolated		i							
Diameter of the measuring tip									
Disk Ø16 x 5 mm M6		16x5							
Disk Ø10 x 5 mm M5		10x5							
Ring cable lug M4		M4							
Ring cable lug M5		M5							
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							
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 tip									
Mention in °C		400°C							
Order code (example) → GF-7029 .1. FK-J. e. 16x5. 3000. A. 400°C									

MEASURES



DIGITAL DATA
2D, 3D and CAD

to Download