

Thermocouple Melt- & mass temperature Series GF-7043/M

PRODUCT FEATURES

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

TECHNICAL DETAILS

Thermo voltage

Fe-CuNi/J-L, NiCr-Ni/K, Pt-RhPt/S-R

Process connection

½"-20UNF, M18x1, M14, M10, M8

Form of the measuring tip

Sword, cone, spherical, special form

Length of the measuring tip / measuring system

0/5/10/15/20/25 mm in standard
Lengths up to 60 mm possible

Shaft length / Installation length

76/152 mm in standard
Lengths from 36 mm to 400 mm possible

Process temp. at the measuring tip

Up to +600°C depending on version

Material of the measuring tip

Stainless steel, Hastelloy,
Special ceramics

High - quality cable types

Thermocouple cables
All available versions

Connectivity

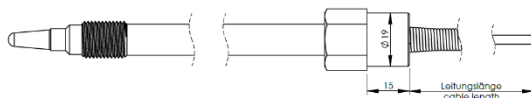
Connection head with LEMO built in
junction box, cable connection

Special features

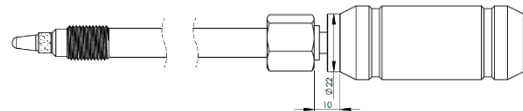
Coatings WCB, TiAlN, TiCN
Screw-in thread loosely rotatable
Customized special versions

Standard version		GF-7043/M	
Special version			
Full metal measuring tip version	/VA		
Measuring tip ceramic isolated	/KER		
Number of measuring systems			
1 x		1	
2 x		2	
Type of element			
Fe-CuNi Type J		FK-J	
Fe-CuNi Type L		FK-L	
Fe-CuNi Type K		NC	
Check element selection			
Electrical properties			
Grounded		e	
Isolated		i	
Process connection			
1/2"-20UNF-2A, sealing pin measure 5,3 mm		DD	
Length and form off he measuring tip			
0 mm		0	
5 mm, CONE FORM		5	
10 mm, CONE FORM		10	
15 mm, CONE FORM		15	
Installation length			
Standard 76 mm		76	
Standard 152 mm		152	
Connection			
LEMO Size. 2			K
Cable outlet			G
Further versions on request			
Cable length in mm			
Mention in mm			XXXX
Cable type			
Glass fiber - Glass fiber - stainless steel braid			ohne Angabe
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 with cable outlet			
Free Ends, 60 mm			A
Check ends			PRF
Thermo plug „S“ Standard / „M“ Mini			TSTXS
Round plug bayonet lock			CST3PB
Round plug screw lock			CST3PS
Check plug types			
Temperature measuring tip			
Mention in °C			400°C
Order code (example)	→	GF-7043/M VA. 1 FK-J. e. DD 5. 152. K.	400°C

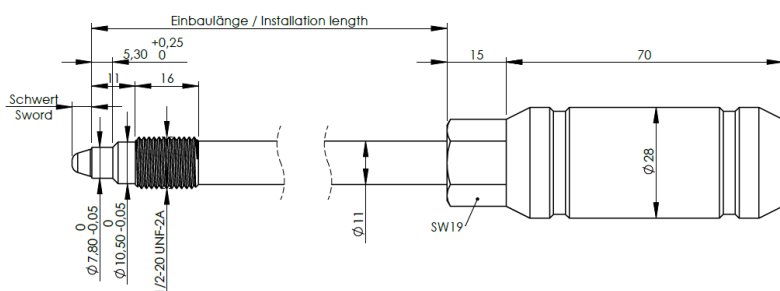
GF-7x43/M/VA - Version "G"



GF-7x43/M/KER - Version "K"



MEASURES



DIGITAL DATA
2D, 3D and CAD

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