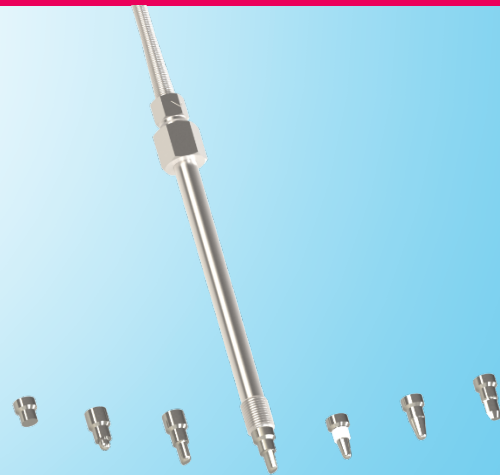




Resistance thermometer Melt- & mass temperature Series GF-7143

PRODUCT FEATURES

- ✓ Loosely rotating screw-in sleeve
- ✓ 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
- ✓ ATEX version
- ✓ FDA / CE compliant version

TECHNICAL DETAILS

Core values

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

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 mm in standard
Lengths up to 60 mm possible

Shaft length / Installation length

76/152 mm in standard
Lengths from 36 mm to 1000 mm

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

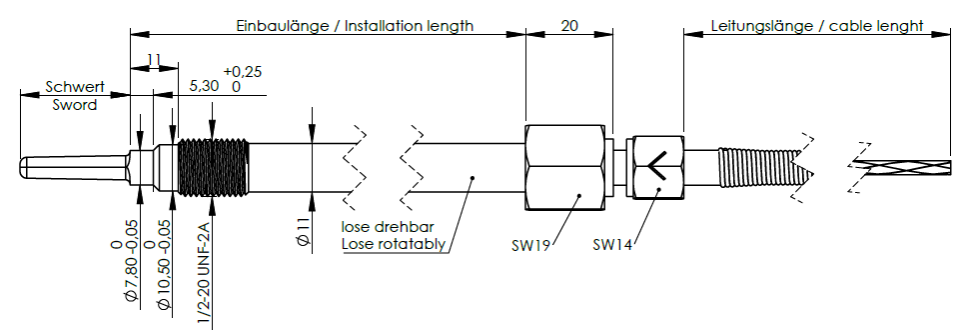
Free ends, plug

Special features

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

Standard version													
	GF-7143												
Special version													
Standard version without mention													
Special ceramic for thermal isolation		/KER											
Measuring tip made of Hastelloy		/HY											
Reinforced measuring tip		/VS											
ATEX		/EX											
Number of measuring systems													
1x			1										
2x			2										
Core values measuring system													
PT100 Class B DIN EN 60751			n/a										
PT100 Class A DIN EN 60751			K1A										
PT100 Class AA DIN EN 60751			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										
Process connection													
½"-20UNF-2A, pin dimension 5,3 mm				DD									
½"-20UNF-2A, pin dimension 6,3 mm				DG									
M18x1,5				BK									
M14x1,5				M14									
M10x1				M10									
Special version													
Length and form of the measuring tip													
Standard sword design 5/10/15/20 mm					15								
Mention length of the sword in mm													
Version with protruding measuring point					/1								
Conical sword design					/KON								
Special version													
Installation length													
Standard 76 mm					76								
Standard 152 mm					152								
Mention in mm													
Version of the cable outlet or terminal head													
Straight					G								
Angled, 90°					W								
Thermo plug					T								
Built-in socket					K								
B-head terminal					BK								
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 + number of poles + size											LST2P1S		
Round plug screw lock + number of poles											DST3PS		
M 12 Round plug + number of poles											EST-M12-4P		
On request, see datasheet connectors													
Temperature measuring tip													
Mention in °C												400°C	
Order code (example)													
→	GF-7143		.1	-.	3-L.	DD.	15.	152.	G.	3000.		A.	400°C

DIMENSIONS



DIGITAL DATA
2D, 3D and CAD

to Download

