

Resistance thermometer Melt- & mass temperature Series GF-7143

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

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

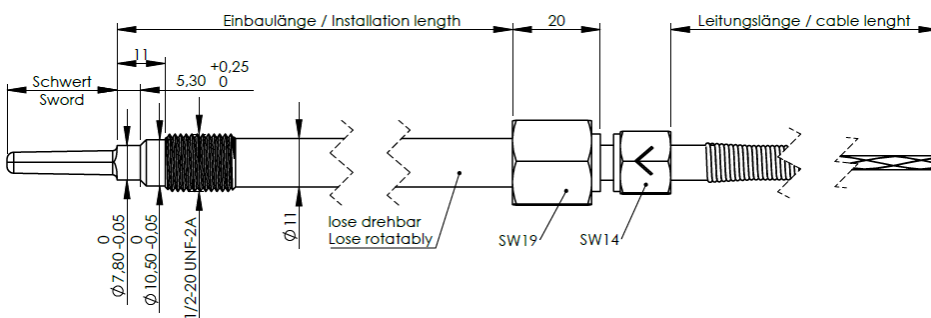
Free ends, plug, special

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				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									
Process connection									
1/2"-20UNF-2A, pin dimension 5,3 mm				DD					
1/2"-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 5/10/15/20/25 mm									
Mention length of the sword in mm									
Version with protruding measuring point					/2				
Conical sword design					/KON				
Special version									
Installation length									
Standard 76 mm						76			
Standard 152 mm						152			
Mention in mm									
Version of the cable outlet									
Straight							G		
Angled, 90°							W		
Thermo plug							T		
LEMO plug							L		
Diode plug							D		
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-7143 . 1. -. 3-L. DD . 152. G. 3000. 1. A. 400°C									

MEASURES





DIGITAL DATA
2D, 3D and CAD

to Download