Temperature sensor WFC

With connection cable // -20...105 °C



Highlights

- Efficient control due to very short response times
- Application-specific installation lengths and screw-in threads possible
- High reliability due to special internal design
- Reproducible measured values for years due to very low long-term drift

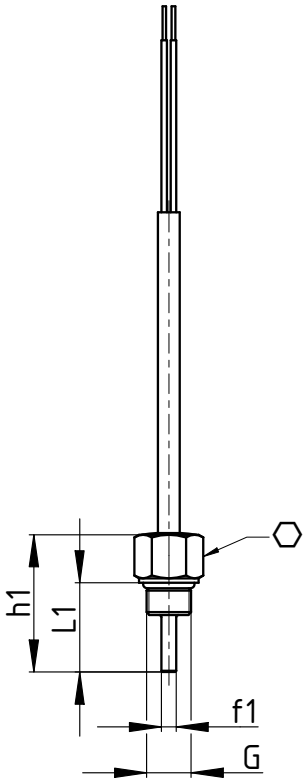
Technical data	
Type	Temperature sensor with connection cable
Measuring range	-20...105 °C
Measuring medium	Water and aqueous liquids, non-aggressive gases
Immersion tube length	19.5 mm
Immersion tube diameter	3.2 mm
Process connection	G⅛
Nominal pressure	PN 25
Ambient temperature	-40...105 °C
Storage temperature	-25...70 °C
Degree of protection according to EN 60529	IP52

Electrical data	
Measuring element	1 x Pt1000 / 2-wire
Measuring insert	Not interchangeable
Accuracy	Class B / ±(0.30 K + 0.005 x T)
Electrical connection	PVC cable, unshielded, with wire end sleeves

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Technical drawings // Dimensions

WFC



Dimensions [mm]					
Type	**h1**	**L1**	**f1**	**G**	⬡
WFC	30	19.5	Ø 3.2	G ⅛	13

Materials

Materials	
In contact with media	
Process connection	Stainless steel 1.4571 / 1.4404
Protection tube	Stainless steel 1.4571 / 1.4404
Sealing	EPDM; WRAS-, KTW-, W270-Approval

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Article numbers

Order code								
Type								
Resistance thermometer	SME8							
Diameter								
3.2 mm		32						
Material								
Stainless steel 1.4571 / 1.4404			0					
Sensor element								
1 x Pt1000 2-wire / Class B				P12				
Immersion tube length L1								
19.5 mm					019			
Electrical connection								
PVC cable, unshielded, with wire end sleeves						0		
Cable length								
1,200 mm							1	
Process connection d1								
G⅛								M
Example order number	**SME8**	**32**	**0**	**P12**	**019**	**0**	**1**	**M**

Other specifications available on request

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