Temperature sensor WMP

With M8 plug // -10...80 °C



WMP

Highlights

- The sensor is intended for measuring media in heating and air-conditioning systems as well as cooling circuits of machines and systems.
- For installation in push-in fitting → lightning-fast tool-free assembly and disassembly
- Safe and very compact electrical connection via M8 plug
- High protection class against moisture, dust and dirt ingress
- Very short response time → Ideal for controlling rapidly changing process parameters
- Very high vibration resistance → Reliable and long-lasting operation

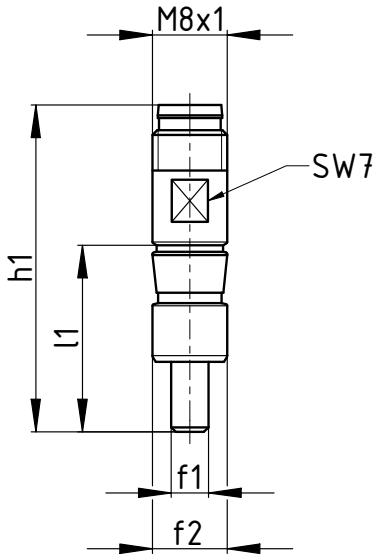
Technical data	
Type	Temperature sensor with M8 plug
Measuring range	-10…80 °C
Measuring medium	Water and aqueous liquids, non-aggressive gases
Immersion tube length	20 mm
Immersion tube diameter	4 mm
Process connection	Push-In, 8 mm
Nominal pressure	PN 16
Medium temperature	-10...80 °C
Ambient temperature	-10...80 °C
Storage temperature	-25...70 °C
Degree of protection according to EN 60529	IP65

Electrical data	
Measuring element	1 x Pt1000 / 4-wire
Measuring insert	Not interchangeable
Accuracy	Class B / ±(0.30 K + 0.005 x T)
Electrical connection	M8 plug, 4-pole

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Technical drawing

WMP



Dimensions

Dimensions [mm]				
Type	**l1**	**h1**	**f1**	**f2**
WMP	20	35	Ø 4	Ø 8

Materials

Materials	
In contact with media	
Process connection	Stainless steel 1.4571
Protection tube	Stainless steel 1.4571

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Article numbers

Order code								
Type								
Resistance thermometer	W							
Diameter								
4 mm		04						
Material								
Stainless steel 1.4571			3					
Sensor element								
1 x Pt1000 4-wire / Class B				P14				
Nominal length								
20 mm					020			
Measuring insert								
Not interchangeable						0		
Electrical connection								
M8, 4-pole							X0	
Process connection								
Push-In, 8 mm								PI8
Example order number	**W**	**04**	**3**	**P14**	**020**	**0**	**X0**	**PI8**

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