

Highly stressable temperature sensors with immersion tube for SolarTemp / DiTemp

Sensor type: exhaust temperature sensor
vibration-free
Accuracy: class B
Max. temperature: 600 °C
Cable connecting: plug connector M12
Protection level: IP 54

Ordering code (e.g.)	W	14	3	P54	040	0	3	8	J	01
Sensor type: Resistance thermometer	W									
Immersion tube diameter:										
12 to 9 mm reduced		09								
17/14 mm tapered up to 160 mm ¹⁾		14								
23/17 mm tapered up to 160 mm ¹⁾²⁾		17								
23/20 mm tapered from 200 mm ²⁾		20								
Material:										
Stainless steel 1.4571 (up to 400 °C)			3							
Stainless steel 1.4713 (up to 650 °C)			9							
Sensor element:										
1 x Pt 1000/2-wire				P54						
2 x Pt 1000/2-wire (transmitter)				P53						
Fitting length L1:										
100 mm					100					
160 mm					150					
200 mm					200					
Special length on request					000					
Version:										
without extension tube						2				
with extension tube						1				
Electrical connection:										
Cable connecting with plug connector M12							3			
Connecting cable:										
Teflon (FEP) screened (Tmax. 220 °C)								8		
Mechanical connection:										
Clamp coupling G½A (only 12 to 9 mm)									J	
Union nut M24x1,5 (only 12 to 9 mm)									W	
Union nut M27x2 (only 12 to 9 mm)									U	
Solid thread G½A									2	
Solid thread G¾A									3	
Solid thread M27x2									H	
Solid thread M33x2									F	
None									0	
Cable length:										
1 m										01
3 m										05
5 m										09
10 m										19

Sensor with cable connecting



¹⁾ to Fitting length <200 mm

²⁾ not for thread G½A

Other length and versions on request

Technical changes reserved