



Measuring resistor Pt100 according to DIN EN 60751

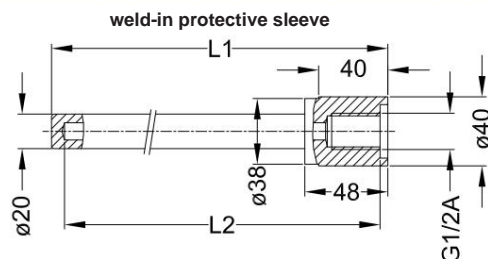
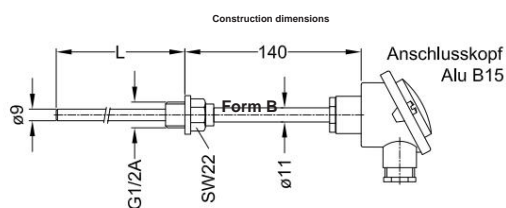
Connector head made of light metal, type B  
also available with MU-WBV transmitter

WBV1R / WBV2R with PTB approval

Resistance thermometer for temperature measurement up to max. 400 °C. A Pt100 measuring resistor according to DIN EN 60751 is used as the measuring element.

Measurement tolerance:	°C Max. R0 drift 0.05% / year	<b>ACCURACY / ERROR LIMITS:</b> < 0.25% ± 0.15
Long-term stability:		
Operating mode:	Measurement mode	<b>TECHNICAL SPECIFICATIONS:</b>
Measuring medium:	temperature	
Sensor:	Pt100 according to DIN EN 60751	
Unit of measurement:	°C	
Operating temperature:	-70 °C to +400 °C	
Protective tube:	X10CrNiMoTi 1810, 9 mm ø, material no. 1.4571	<b>PHYSICALLY:</b>
Connection head:	Light alloy head type B	
Assembly:	G1/2A screw connection	

	Item No.
<b>Screw-in temperature sensor WBV</b> , with G1/2A screw connection, material 1.4571, V4A, with light metal head type B, for use up to 400 °C	
<b>WBV05</b> Immersion depth 50 mm	6235
<b>WBV10</b> Immersion depth 100 mm	6236
<b>WBV15</b> Immersion depth 150 mm	6237
<b>WBV20</b> Immersion depth 200 mm	6238
<b>WBV25</b> Immersion depth 250 mm	6239
<b>WBV45</b> Immersion depth 450 mm	6240
<b>SURCHARGE</b>	
Optional equipment with Pt1000 temperature sensor	67110
Optional equipment with two Pt100 elements, where technically possible	67111
High lid	67112
MU-WBV transmitter output 4...20 mA MU-WBV	62304
transmitter-H with HART protocol	62305
Measuring transducer MU-WBV-P Profibus PA	62306



	Item No.
<b>Screw-in resistance thermometer WBV-R</b>	
with screw-in stud G1/2A, Pt100 measuring insert according to DIN EN 60751, assembled and numbered in pairs, fast response, max. temperature 250 °C, PTB approval up to 160 °C, PTB approval under no. 22.30, 80.06, max. measuring current 5 mA, particularly suitable for temperature difference measurement in heat quantity measurements	
<b>WBV1R</b> , nominal length 160 mm;	6248
<b>WBV2R</b> , nominal length 250 mm;	6249
<b>weld-in protective sleeve</b> ; material: steel St37.2, D = 31 mm, d = G1/2A	
<b>B150</b> , nominal length 150 mm, L1 = 164 mm, L2 = 156 mm	62004
<b>B160</b> , nominal length 160 mm, L1 = 174 mm, L2 = 166 mm	62001
<b>B250</b> , nominal length 250 mm, L1 = 264 mm, L2 = 256 mm	62002
Stainless steel weld-in protective sleeves available on request	