

# Bimetal dial thermometer // version for marine applications

Type Z7612 // Z8612 // Z7672 // Z8672



Type Z8612



## Highlights

- Suitable for outdoor use - closed system (IP65)
- Vibration-resistant - high-quality design
- Without electrical auxiliary power
- Independent of ambient temperature influences

## Technical Data

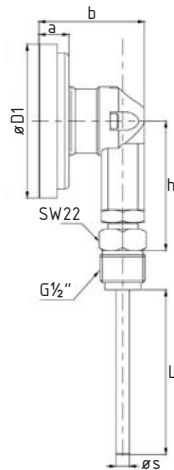
Type	Z7612	Z8612	Z7672	Z8672
<b>Version</b>	Rigid connection			
<b>Nominal size</b>	Ø 70 or 85 mm			
<b>Accuracy</b>	±2 % full scale			
<b>Medium / Application area</b>	Liquid and gaseous media			
<b>Immersion tube connection</b>	Bottom		Central back	
<b>Immersion tube length</b>	50, 80, 140 mm			
<b>Immersion tube diameter</b>	Ø 6.4 mm			
<b>Process connection</b>	Rotatable male thread G½ (to be used in protection tubes)			
<b>Measuring system</b>	Bimetal coil			
<b>Degree of protection according to EN 60529</b>	IP65			
<b>Medium temperature</b>	See selected display range			
<b>Ambient temperature</b>	-20...60 °C (only indoors)			
<b>Storage temperature</b>	-40...60 °C			

## Approvals

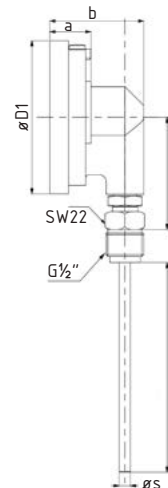


# Technical drawings

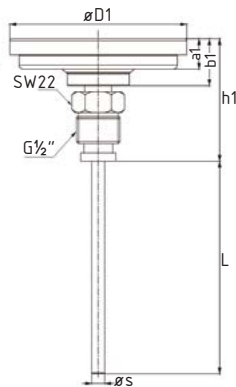
Type Z7612



Type Z8612



Type Z7672 and Z8672



## Dimensions

Dimensions [mm]								
NS	a	a1	b	b1	ø D1	h	h1	ø s
70	14	15	49	23	72	60	59	6.4
85	23	15	52	23	85	63	59	6.4

## Material

Material	
<b>Housing</b>	Crimped-on ring, Stainless steel 1.4301, filled with silicone oil
<b>Window</b>	Instrument glass
<b>Dial</b>	Aluminium white with black scale markings
<b>Pointer</b>	Aluminium black
<b>Material in contact with media</b>	
<b>Process connection</b>	Stainless steel 1.4301
<b>Immersion tube</b>	Stainless steel 1.4301

# Article numbers

Order code								
<b>Nominal size</b>								
Ø 70 mm	Z	76						
Ø 85 mm	Z	86						
<b>Immersion tube connection</b>								
Bottom							12	
Central back							72	
<b>Thread</b>								
Rotatable male thread				S				
<b>Display range</b>								
0...120 °C							121	
0...200 °C							201	
<b>Immersion tube length</b>								
50 mm							050	
80 mm							080	
140 mm							140	
<b>Process connection</b>								
G½, stainless steel								23
<b>Immersion tube diameter</b>								
6.4 mm								1
<b>Example order number</b>	<b>Z</b>	<b>76</b>	<b>12</b>	<b>S</b>	<b>121</b>	<b>050</b>	<b>23</b>	<b>1</b>

# Accessories

Accessories	Article number
<p><b>Measuring point designation</b> Laser-inscribed stainless steel plate with fixing wire for easy attachment to measuring points</p> <ul style="list-style-type: none"> <li>→ <b>Scope of delivery:</b> Designation plate inscribed according to specification and enclosed fixing wire (sealing wire)</li> <li>→ <b>Fastening:</b> Wire (included in delivery), alternatively sealing, cable ties or similar (not included in delivery)</li> <li>→ <b>Materials:</b> Plate stainless steel 1.4571, wire stainless steel</li> <li>→ <b>Dimensions:</b> Plate 55 x 10 x 0.8 mm, wire length 180 mm</li> <li>→ <b>Inscription:</b> one-sided, single-line, max. 11 characters, character height 5 mm, designation width max. 40 mm, letters, numbers, symbols, barcodes, QR codes</li> <li>→ <b>Transmission of designations:</b> digital list, file formats Excel, Word or CSV</li> </ul>	<b>ONSITETAG</b>
