DIN 16 185 B
DIN 16 186 S

Machine-glass Thermometer TMa
Upper part 150 x 36 mm – anodised brass-coloured

Example

<table>
<thead>
<tr>
<th>Thermometer version</th>
<th>VB</th>
<th>2</th>
<th>35</th>
<th>1</th>
<th>1</th>
<th>063</th>
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<tbody>
<tr>
<td>straight</td>
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<tr>
<td>angle 90°</td>
<td>HB</td>
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<tr>
<td>angle 135°</td>
<td>SB</td>
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</tbody>
</table>

Immersion tube type 2

Temperature ranges
−30 / +50 °C = 35
0 – 60 °C = 06
0 – 100 °C = 10
0 – 120 °C = 12
0 – 160 °C = 16
0 – 200 °C = 20
0 – 250 °C = 25

Division
Celsius (°C) 1
Celsius + Fahrenheit (°C + °F) 2

Thermometric liquid filling
blue filling Fü = 1

Immersion tube lengths
dimension l₁ in mm
63 = 063
100 = 100
160 = 160
250 = 250

Screw threads
G ½ A/SW 27 2
M20x1.5/SW 27 7

Immersion tube materials
brass (hexagon Ms 58/tube SoMs 76 or Ms 63), brazed or for immersion tube length up to l₁ = 63, G ½ A made of Ms 58 solid possible at our choice 1
alloy steel (hexagon 9SMnPb28K/tube St 35, welded) 2
stainless steel 1.4571 (hexagon and tube) 3
special brass (hexagon SoMs 59/tube SoMs 76) 4
CuNi30Fe (hexagon and tube) 5

For all thermometers with angle <90°, the immersion tube is connected to the upper part with a grooved spigot. This connection is secured with a hardened retaining screw.

Advantages:
• Easy installation
• Immersion tube and upper part can be mounted separately
• It is not necessary to turn the upper part during installation