

Selection and Ordering data	Order No.
<b>Low-pressure screw-in resistance thermometer with connection head, without neck tube</b> Protective tube and screw socket X 6 CrNiMoTi 17 122, mat. No. 1.4571 Protective tube to DIN 43,772, form: similar to 2G Measuring resistors embedded in ceramic, one Pt100 measuring resistor: three-wire circuit, Two Pt100 measuring resistors: two-wire circuit	
<b>Measuring insert not explosion protected</b> <u>One Pt100 measuring resistor,</u> Mounting length U <sub>1</sub> / Weight/ mm (inch): kg (lb): • 100 (3.9) 0.6 (1.32) • 160 (6.3) 0.7 (1.54) • 230 (9.1) 0.8 (1.76) • 360 (14.2) 0.9 (1.98) • 510 (20.1) 1.0 (2.20) <u>Two Pt100 measuring resistors</u> Mounting length U <sub>1</sub> / Weight/ mm (inch): kg (lb): • 100 (3.9) 0.6 (1.32) • 160 (6.3) 0.71 (1.57) • 230 (9.1) 0.81 (1.79) • 360 (14.2) 0.91 (2.01) • 510 (20.1) 1.01 (2.23)	▶ 7MC1006-1DA1 7MC1006-2DA1 7MC1006-3DA1 7MC1006-4DA1 7MC1006-5DA1  7MC1006-1DB1 7MC1006-2DB1 7MC1006-3DB1 7MC1006-4DB1 7MC1006-5DB1
<b>Measuring insert with explosion protection</b> <u>One Pt100 measuring resistor</u> Mounting length U <sub>1</sub> / Weight/ mm (inch): kg (lb): • 100 (3.9) 0.6 (1.32) • 160 (6.3) 0.7 (1.54) • 230 (9.1) 0.8 (1.76) • 360 (14.2) 0.9 (1.98) • 510 (20.1) 1.0 (2.20) <u>Two Pt100 measuring resistors</u> Mounting length U <sub>1</sub> / Weight/ mm (inch): kg (lb): • 100 (3.9) 0.6 (1.32) • 160 (6.3) 0.71 (1.57) • 230 (9.1) 0.81 (1.79) • 360 (14.2) 0.91 (2.01) • 510 (20.1) 1.01 (2.23)	▶ 7MC1006-1DE1 7MC1006-2DE1 7MC1006-3DE1 7MC1006-4DE1 7MC1006-5DE1  7MC1006-1DF1 7MC1006-2DF1 7MC1006-3DF1 7MC1006-4DF1 7MC1006-5DF1
<b>Connection head, form B,</b> Made of cast light alloy, with 1 cable inlet and • Screw cover • Standard hinged cover • High hinged cover Made of stainless steel, with 1 cable inlet and screw cover  ▶ Available ex stock	1 4 6 7

## Selection and Ordering data

Order No.

### *Further designs*

Please add "-Z" to Order No. and specify Order code(s) and plain text.

Order code

Different design (mounting length, protective tube material etc.), specify in plain text.

**Y01**

TAG plate made of stainless steel  
specify TAG No. in plain text

**Y15**

Calibration carried out at one point, specify desired temperature in plain text (order equivalent number of times for several calibration points).

**Y33**

If optional head transmitters are integrated, please note that all calibration points are located in the set measuring range. If the points are located outside the standard measuring range, a Y11 addition is always required.

► Available ex stock

**To order a temperature transmitter installed in the connection head and transmitters for SIL applications, see "Temperature transmitters for mounting in the connection head" (page 3/79).**

Individual parts: Measuring inserts and connection heads, see "Accessories".