

Selection and Ordering data	Order No.
Low-pressure screw-in resistance thermometer with connection head and neck tube Protective tube and screw socket X 6 CrNiMoTi 17 122, mat. No. 1.4571 Protective tube to DIN 43772, form: 2G Measuring resistors embedded in ceramic, one Pt100 measuring resistor: three-wire circuit, Two Pt100 measuring resistors: two-wire circuit	
Measuring insert not explosion protected <u>One Pt100 measuring resistor</u> Mounting length U ₁ / Weight/ mm (inch): kg (lb): • 160 (6.3) 0.8 (1.76) • 250 (9.84) 0.9 (1.98) • 400 (15.7) 1.0 (2.20) <u>Two Pt100 measuring resistors</u> Mounting length U ₁ / Weight/ mm (inch): kg (lb): • 160 (6.3) 0.9 (1.98) • 250 (9.84) 1.0 (2.20) • 400 (15.7) 1.1 (2.43)	7MC1007-5DA1 7MC1007-6DA1 7MC1007-7DA1 7MC1007-5DB1 7MC1007-6DB1 7MC1007-7DB1
Measuring insert with explosion protection <u>One Pt100 measuring resistor</u> Mounting length U ₁ / Weight/ mm (inch): kg (lb): • 160 (6.3) 0.8 (1.76) • 250 (9.84) 0.9 (1.98) • 400 (15.7) 1.0 (2.20) <u>Two Pt100 measuring resistors</u> Mounting length U ₁ / Weight/ mm (inch): kg (lb): • 160 (6.3) 0.9 (1.98) • 250 (9.84) 1.0 (2.20) • 400 (15.7) 1.1 (2.43)	7MC1007-5DE1 7MC1007-6DE1 7MC1007-7DE1 7MC1007-5DF1 7MC1007-6DF1 7MC1007-7DF1
Connection head, form 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	 1 4 6 7
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). 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.	Y33
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".	