

Selection and Ordering data		Order No.
<b>Jacket thermocouple element with coupling socket</b> Ni Cr/Ni type K thermocouple		
<b>Jacket material No. 1.4541</b> Temperature of medium 800 °C (1472 °F) <u>1 thermocouple</u> Jacket outer dia./mm (inch):      Length <i>L</i> /m (ft): • 3.0 (0.12)      0.3 (0.98) • 3.0 (0.12)      0.5 (1.64) <u>2 thermocouples</u> Jacket outer dia./mm (inch):      Length <i>L</i> /m (ft): • 3.0 (0.12)      0.3 (0.98) • 3.0 (0.12)      0.5 (1.64) • 6.0 (0.24)      0.3 (0.98) • 6.0 (0.24)      0.5 (1.64)		7MC2028-1AC31 7MC2028-2AC31  7MC2028-1AD31 7MC2028-2AD31 7MC2028-1AD41 7MC2028-2AD41
<b>Jacket material No. 2.4816</b> Temperature of medium 1000 °C (1832 °F) <u>1 thermocouple</u> Jacket outer diameter/mm (inch):      Length <i>L</i> /m (ft): • 1.0 (0.04)      0.3 (0.98) • 1.0 (0.04)      0.5 (1.64)		7MC2028-1AC12 7MC2028-2AC12
<b>Jacket material No. 2.4816</b> Temperature of medium 1100 °C (2012 °F) <u>1 thermocouple</u> Jacket outer dia./mm (inch):      Length <i>L</i> /m (ft): • 1.5 (0.06)      0.3 (0.98) • 1.5 (0.06)      0.5 (1.64) • 3.0 (0.12)      0.3 (0.98) • 3.0 (0.12)      0.5 (1.64) • 6.0 (0.24)      0.3 (0.98) • 6.0 (0.24)      0.5 (1.64) <u>2 thermocouples</u> Jacket outer dia./mm (inch):      Length <i>L</i> /m (ft): • 3.0 (0.12)      0.3 (0.98) • 3.0 (0.12)      0.5 (1.64) • 6.0 (0.24)      0.3 (0.98) • 6.0 (0.24)      0.5 (1.64)		7MC2028-1AC22 7MC2028-2AC22 7MC2028-1AC32 7MC2028-2AC32 7MC2028-1AC42 7MC2028-2AC42  7MC2028-1AD32 7MC2028-2AD32 7MC2028-1AD42 7MC2028-2AD42
<b>Further designs</b> 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.		<b>Y01</b>
TAG plate made of stainless steel specify TAG No. in plain text		<b>Y15</b>
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.		<b>Y33</b>
Different designs (mounting length, protective tube material etc.) on request: Add Order code " <b>Y01</b> " and specify in plain text. (Please order coupling plug separately (see "Individual parts"))		

Selection and Ordering data	Order No.
<b>Extension lead for jacket thermocouple with coupling socket (7MC2028); twisted cores</b> for Ni Cr/Ni thermocouple, color code: green	
<b>Outer diameter 4 mm (0.16 inch)</b> <b>PVC isolation</b> Number of conductors and cross-section: 2 x 0.22 mm <sup>2</sup> (2 x 0.00034 inch <sup>2</sup> ) Temperature range -20 ... +80 °C (-4 ... +176 °F)	7MC2921-1AC-Z
<b>Outer diameter 4 mm (0.16 inch)</b> <b>Silicone-silicone isolation</b> Number of conductors and cross-section: 2 x 0.22 mm <sup>2</sup> (2 x 0.00034 inch <sup>2</sup> ) Silicone-silicone isolation Temperature range -40 ... +180 °C (-40 ... +356 °F)	7MC2921-2AC-Z
<b>Outer diameter 6 mm (0.24 inch)</b> <b>PVC isolation</b> Number of conductors and cross-section: 4 x 0.22 mm <sup>2</sup> (2 x 0.00034 inch <sup>2</sup> ) Temperature range -20 ... +80 °C (-4 ... +176 °F)	7MC2921-3AC-Z
<b>Outer diameter 6 mm (0.24 inch)</b> <b>Silicone-silicone isolation</b> Number of conductors and cross-section: 4 x 0.22 mm <sup>2</sup> (2 x 0.00034 inch <sup>2</sup> ) Temperature range -40 ... +180 °C (-40 ... +356 °F)	7MC2921-4AC-Z
<b>Further designs</b> Please specify Order code(s) and plain text.	Order code
Length of extension lead in m (ft) <ul style="list-style-type: none"> <li>• 0.25 (0.82)</li> <li>• 1 (3.28)</li> <li>• 5 (16.4)</li> <li>• 10 (32.8)</li> </ul>	<b>A01</b> <b>A02</b> <b>A03</b> <b>A04</b>