

Selection and Ordering data

Order No.

Measuring insert for flue gas resistance thermometer 7MC1000

for temperatures to 600 °C (1112 °F), stainless steel measuring insert tube
 Measuring resistor: Winding embedded in ceramic

Measuring insert not explosion protectedOne Pt100 measuring resistor/three-wire circuit

| Measuring insert length mm (inch): | Mounting length of the resistance thermometer mm (inch): | Weight kg (lb): | |
|---------------------------------------|---|--------------------|--------------------|
| • 525 (20.7) | 500 (19.7) | 0.22 (0.49) | 7MC1900-1EA |
| • 735 (28.9) | 710 (28.0) | 0.27 (0.60) | 7MC1900-2EA |
| • 1025 (40.4) | 1000 (39.4) | 0.32 (0.71) | 7MC1900-3EA |
| • 1425 (56.1) | 1400 (55.1) | 0.42 (0.93) | 7MC1900-4EA |
| • 2025 (79.7) | 2000 (78.7) | 0.62 (1.37) | 7MC1900-5EA |

Selection and Ordering data

Order No.

Measuring insert for low-pressure, high-pressure and flange-type resistance thermometers

Measuring resistor: Winding embedded in ceramic (max. 600 °C (1112 °F))

Measuring insert not explosion protectedOne Pt100 measuring resistor/three-wire circuit

| Measuring insert length | Screw-in thermometer without neck tube, 7MC1006 | Screw-in thermometer with neck tube, 7MC1007 and 7MC1008 | Screw-in thermometer 7MC1010 | Flange-type thermometer 7MC1017 | Flange-type thermometer 7MC1041 | Weight | |
|-------------------------|---|--|--------------------------------------|---------------------------------|---------------------------------|-------------|--------------------|
| | Mounting length | Mounting length | Total length without connection head | Mounting length | Mounting length | | |
| mm (inch) | mm (inch) | mm (inch) | mm (inch) | mm (inch) | mm (inch) | kg (lb) | |
| • 145 (5.7) | 100 (3.9) | – | – | – | – | 0.15 (0.33) | 7MC1910-1JA |
| • 205 (8.1) | 160 (6.3) | – | – | – | – | 0.16 (0.35) | 7MC1910-2JA |
| • 275 (10.8) | 230 (9.1) | – | – | – | – | 0.17 (0.37) | 7MC1910-3JA |
| • 315 (12.4) | – | 160 (6.3) | 305 (12.0) | 160 (6.3) | 225 (8.9) | 0.18 (0.40) | 7MC1910-4JA |
| • 375 (14.8) | – | – | 365 (14.4) | – | 285 (11.2) | 0.19 (0.42) | 7MC1910-5JA |
| • 405 (15.9) | 360 (14.2) | 250 (9.8) | 395 (15.6) | 250 (9.8) | – | 0.20 (0.44) | 7MC1910-6JA |
| • 435 (17.1) | – | – | – | – | 345 (13.6) | 0.20 (0.44) | 7MC1910-8JA |
| • 555 (21.1) | 510 (20.1) | 400 (15.8) | – | – | – | 0.21 (0.46) | 7MC1910-7JA |

Measuring insert for low-pressure, high-pressure and flange-type resistance thermometers

Measuring resistor: Winding embedded in ceramic (max. 600 °C (1112 °F))

Two Pt100 measuring resistors/three-wire circuit

| Measuring insert length | Screw-in thermometer with-out neck tube, 7MC1006 | Screw-in thermometer with neck tube, 7MC1007 and 7MC1008 | Screw-in thermometer 7MC1010 | Flange-type thermometer 7MC1017 | Flange-type thermometer 7MC1041 | Weight |
|-------------------------|--|--|--------------------------------------|---------------------------------|---------------------------------|-------------|
| | Mounting length | Mounting length | Total length without connection head | Mounting length | Mounting length | |
| mm (inch) | mm (inch) | mm (inch) | mm (inch) | mm (inch) | mm (inch) | kg (lb) |
| • 145 (5.7) | 100 (3.9) | – | – | – | – | 0.15 (0.33) |
| • 205 (8.1) | 160 (6.3) | – | – | – | – | 0.16 (0.35) |
| • 275 (10.8) | 230 (9.1) | – | – | – | – | 0.17 (0.37) |
| • 315 (12.4) | – | 160 (6.3) | 305 (12.0) | 160 (6.3) | 225 (8.9) | 0.18 (0.40) |
| • 375 (14.8) | – | – | 365 (14.4) | – | 285 (11.2) | 0.19 (0.42) |
| • 405 (15.9) | 360 (14.2) | 250 (9.8) | 395 (15.6) | 250 (9.8) | – | 0.20 (0.44) |
| • 435 (17.1) | – | – | – | – | 345 (13.6) | 0.20 (0.44) |
| • 555 (21.1) | 510 (20.1) | 400 (15.8) | – | – | – | 0.21 (0.46) |

7MC1910-1JB
7MC1910-2JB
7MC1910-3JB
7MC1910-4JB
7MC1910-5JB
7MC1910-6JB
7MC1910-8JB
7MC1910-7JB

Further measuring inserts on request.

Supplement the order no. with "-Z", add order code Y01 and specify plain text:

Y01: Different design (mounting length, protective tube material etc. specify in plain text).