

## Selection and Ordering data

Order No.

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

Stainless steel measuring insert

Measuring resistor: Winding embedded in ceramic (max. 450 °C (842 °F)), Outer diameter of sleeve: 6 mm (0.24 inch)

### Measuring insert with explosion protection

One Pt100 measuring resistor/three-wire circuit

Measuring insert length	Screw-in thermometer without neck tube, 7MC1006	Screw-in thermometer with neck tube, 7MC1007	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)

7MC1913-1AA22  
7MC1913-2AA22  
7MC1913-3AA22  
7MC1913-4AA22  
7MC1913-5AA22  
7MC1913-6AA22  
7MC1913-7AA22  
7MC1913-8AA22

Two Pt100 measuring resistors/two-wire circuit

Measuring insert length	Screw-in thermometer without neck tube, 7MC1006	Screw-in thermometer with neck tube, 7MC1007	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)

7MC1913-1AB12  
7MC1913-2AB12  
7MC1913-3AB12  
7MC1913-4AB12  
7MC1913-5AB12  
7MC1913-6AB12  
7MC1913-7AB12  
7MC1913-8AB12

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).