

MI 2025 Verend verwisselbaar weerstandsthermometer meetinzet

Sheath

Construction	Welded bottom
Material	SS 316 - (Wst 1.4401) standard, other materials possible
Insertion length	Customer to specify

Style / Connection

Electrical	Cap type screws
Construction	Springloaded according

Sensor

	Single or Duplex Pt100
Accuracy	According IEC 60751 Cl. B
Style / Connection	3-wire system standard, 4-wire system optional
Range	-220 / + 600 ° C
Insulation material	Mineral insulated (MgO)
Testing	Tested at 200 Volt / 20°C
Insulation resistance	Minimum 10 M ohm

Options

Accuracy	Class B, A or AA
Style / Connection	2-wire or 4-wire
	2-wire with compensationloop
	Customer to specify separately



Tolerances for 100 Ω thermometers

temp °C	class A		class B	
	$\pm^{\circ}\text{C}$	$\pm^{\circ}\Omega$	$\pm^{\circ}\text{C}$	$\pm^{\circ}\Omega$
-200	0.55	0.24	1.3	0.56
-100	0.35	0.14	0.8	0.32
0	0.15	0.06	0.3	0.12
100	0.35	0.13	0.80	0.30
200	0.55	0.20	1.3	0.48
300	0.75	0.27	1.8	0.64
400	0.95	0.33	2.3	0.79
500	1.15	0.38	2.8	0.93
600	1.35	0.43	3.3	1.06
700	-	-	3.8	1.17
800	-	-	4.3	1.28
850	-	-	4.6	1.34

