

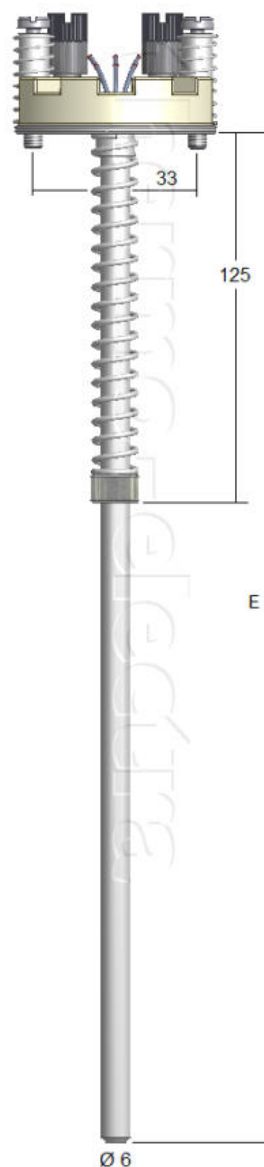
MI 2027 Verend verwisselbare weerstandsthermometer meetinzet

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 40 mm Diameter 11 mm

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 $\pm^{\circ}\text{C}$	class B $\pm^{\circ}\text{C}$
-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

