

CA 2022 Industriële weerstandsthermometer

Protection tube

Construction	Closed-end tube
Material	SS 316 - (Wst 1.4401) standard, other materials possible
Diameter	9.0mm standard, other diameters possible
Insertion length	Customer to specify
Process connection	1/2"NPT standard, other threads possible

Connection head

Material	Aluminium, plastic or stainless steel
Cable entry	M20x1.5 cable gland standard, other threads possible

Measuring insert

Type	MI 2025
Construction	Springloaded and replaceable
Diameter	6.0mm standard, other diameters possible
Length	$E = L + 62,5 \text{ mm}$
Material	SS 316 - (Wst 1.4401) standard, other materials possible

Sensor

Singel or Duplex Pt100

Accuracy According IEC 60751 class B

Style / Connection 3-wire system standard, 4-wire system optional

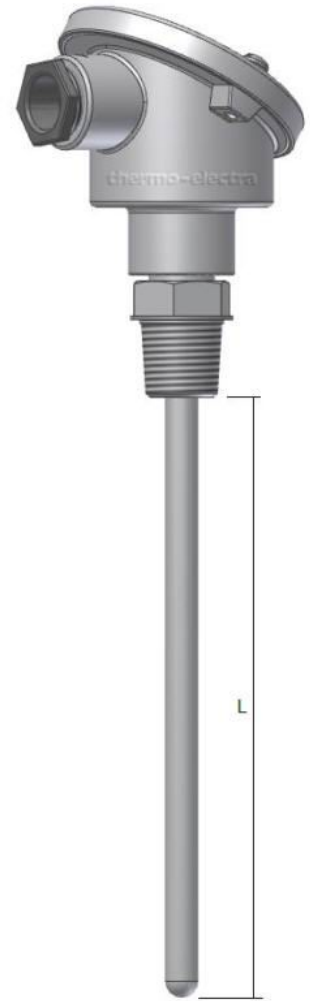
Range -220 / + 600 °C

Options

Transmitter 4-20mA In-Head transmitter, standard or Ex version. Please select from our standard range or specify your own standard

Swing-Cover head DAN, transmitter direct mounted on measuring insert

High Swing-Cover head DAN-H, transmitter in cover, insert with ceramic block



Tolerances for 100 Ω thermometers

temp °C	class A ±°C ±%Ω	class B ±°C ±%Ω
-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

