

CA 2004 Snelle reactie weerstandsthermometer

Protection tube

Construction	Closed-end tube
Insertion length	Customer to specify
Material	SS 316 - (Wst 1.4401) standard, other materials possible
Process connection	M20x1.5, 1/2"BSP (G1/2"), 1/2"NPT or other threads possible

Connection head

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

Measuring insert

Construction	Fixed
Tip	Reduced
Stem diameter	9.0mm standard, other diameters possible
Tip diameter	6.0mm standard, other diameters possible

Sensor

Single or Duplex Pt100

Accuracy According IEC60751 class B

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

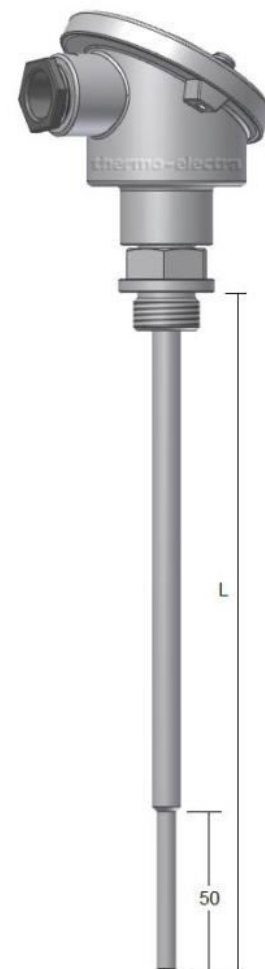
Range -220 / +600°C

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

