

CA 1007 Gas en lucht thermokoppel

Protection tube

Construction	Open-end perforated tube
Material	SS 316 - (Wst 1.4401)
Insert diameter	9.0mm standard, other diameters possible
Insertion length	Customer to specify
Process connection	1/2"BSP (G1/2"), 1/2"NPT, M20x1.5 or other threads possible

Connection head

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

Measuring insert

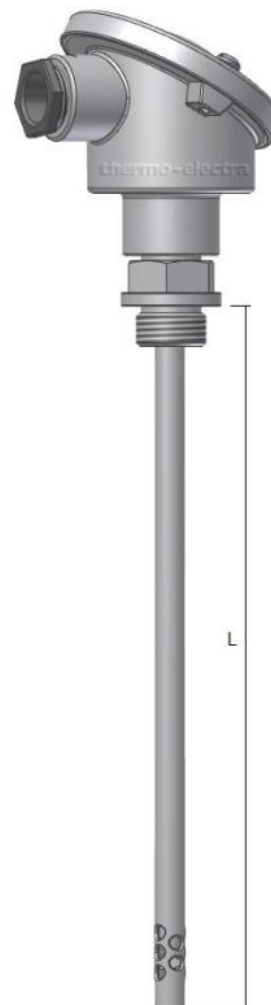
Type	MI 1025
Construction	Replaceable
Diameter	6 mm- tip open
Length	E = L + 40 mm
Material	SS 316 - (Wst 1.14401)

Thermocouple

Calibration	K, T, J, E, N, U or L
For duplex	KK, TT, JJ, EE, NN, UU or LL
Accuracy	According IEC 60584

Options

Transmitter 4-20mA	In-Head transmitter, standard or Ex version. Please select from our standard range or specify your own standard
High Swing-Cover head	DAN-H, transmitter in cover, insert with ceramic block



Thermokoppel kleurcodes

Thermocouple Extension Type	ANSI	IEC
JX + Iron - Constantan ®		
KX + Chromel ® - Alumei ®		
TX + Copper - Constantan ®		
EX + Chromel ® - Constantan ®		
NX + Nicrosil ® - Nisil ®		
SX + Copper - Alloy 11		
BX + Copper-S - Copper-E		

Toleranties volgens IEC 584-2

Type	Class	Temperature range	Fixed value °C	Tolerance to temp. t (°C)
T	1	- 40°C to + 350°C	± 0,5	± 0,004 · t
	2	- 40°C to + 350°C	± 1	± 0,0075 · t
	3	- 200°C to + 40°C	± 1	± 0,015 · t
E	1	- 40°C to + 800°C	± 1,5	± 0,004 · t
	2	- 40°C to + 900°C	± 2,5	± 0,0075 · t
	3	- 200°C to + 40°C	± 2,5	± 0,015 · t
J	1	- 40°C to + 750°C	± 1,5	± 0,004 · t
	2	- 40°C to + 750°C	± 2,5	± 0,0075 · t
	3	-	-	-
K and N	1	- 40°C to + 1000°C	± 1,5	± 0,004 · t
	2	- 40°C to + 1200°C	± 2,5	± 0,0075 · t
	3	- 200°C to + 40°C	± 2,5	± 0,015 · t
R and S	1	0°C to + 1600°C	± 1,0	± [1+0,003 ·(t-1100)]°C
	2	0°C to + 1600°C	± 1,5	± 0,0025 ·t
	3	-	-	-
B	1	+ 600°C to + 1700°C	-	-
	2	+ 600°C to + 1700°C	± 1,5	± 0,0025 ·t
	3	+ 600°C to + 1700°C	± 4	± 0,005 ·t