

HT 4060 Hoge temperatuur thermokoppel tot 1800°C

Protection tube

Construction	Gastight ceramic
Insertion length	Customer to specify
Diameter	15x2.0mm standard, Other diameters possible
Material	Gastight Ceramic 710 (C799) 99.7% Aluminium oxide, Other types of ceramic possible
Temperature	1800°C maximum (0.5mm wires type B) 1600°C maximum (0.35mm type B wires or 0.5mm wires type R/S) 1350°C maximum (0.35mm wires type R and S)
Process connection	Sliding flange model, other executions possible for example a welded ANSI or DIN flange

Inner tube (optional)

Material	Gastight ceramic 710 (C799) or Sapphire
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Connection head

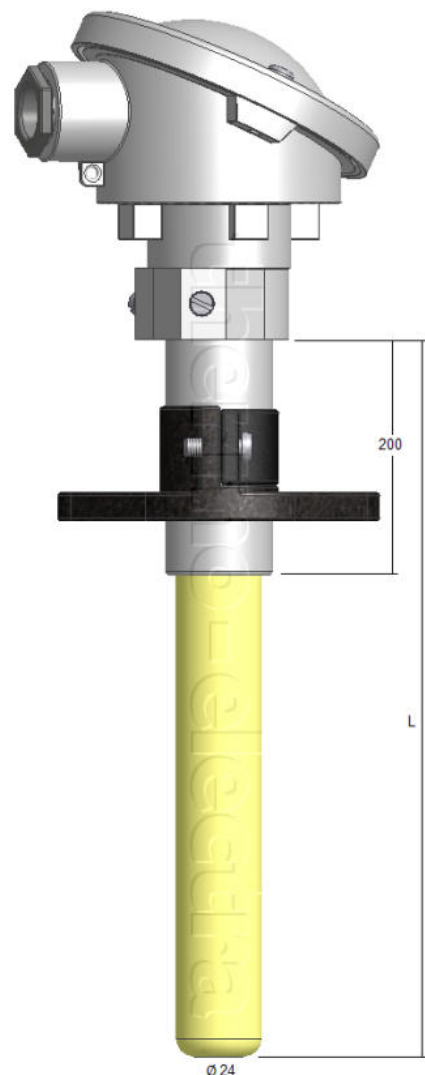
Model	Type A , other connectionheads possible
Material	Aluminium or Stainless Steel
Cable entry	M20x1.5 standard, other threads possible

Head extention

Material	Steel standard, other materials possible
Diameter	32mm standard, other diameters possible
Length	200mm standard, other lengths possible

Measuring insert

Insulation	Ceramic insulation rod
Calibration	B, R or S
For duplex	BB, RR or SS
Wire size	0.35mm or 0.5mm
Accuracy	According to IEC 60584-1
Options	
Swing-Cover head	DAN, transmitter direct mounted on measuring insert
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 - Alumel		
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	-	-	-
	2	+ 600°C to + 1700°C	± 1,5	± 0,0025 ·t
	3	+ 600°C to + 1700°C	± 4	± 0,005 ·t