

T1050

Compact resistance temperature sensors with connector or head type MA

- Suitable for gas or liquid medias, e.g. air, gas, steam, water and oil.
- Measuring resistor 1× Pt100 3-wire, 1× Pt1000 2-wire or 1× Ni1000 (W100=1,6180) 2-wire
- Measuring range -50 to +200 °C.
- Accuracy class B or A according EN 60751.
- Connector EN 175301-803 type A / C (ISO 4400), connector circle M12×1 or head type MA.
- Compact body from stainless steel AISI 316L/316Ti.
- Immersion length up to 400 mm with possibility of extension 40 to 100 mm.
- Nominal pressure PN63.
- Housing IP65.



Ordering table

Type		① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ○							
1. code	Description								
T1050	Compact resistance temperature sensor with connector or head type MA								
Sensor		① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ○							
2. code	Description	Measuring range							
11	1× Pt100, 3-wire	-50 to 200 °C							
23	1× Pt1000, 2-wire	-50 to 200 °C							
33	1× Ni1000 (W100=1,6180), 2-wire	-50 to 200 °C							
99	other								
Accuracy class		① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ○							
3. code	Accuracy class according EN 60751								
B	B								
A	A <small>pouze pro 3-vodič.</small>								
9	other								
Stem diameter		① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ○							
4. code	Stem diameter - D	Material							
D40	4 mm ^{*1}	SS316L							
D60	6 mm	SS316L / 316Ti							
D9	other								

*1 - Only for L + N max. 140 mm.

Immersion lenght ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ○

5. code	Immersion lenght - L
L030	30 mm
L060	60 mm
L100	100 mm
L150	150 mm
L200	200 mm
L250	250 mm
L300	300 mm
L400	400 mm
L___	other - enter lenght in mm to code

Process connection ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ○

6. code	Description
M00	without connection
M02	M12×1,5
M04	M20×1,5 not for N000
G02	G1/4"
G04	G1/2" not for N000
C34	flange CLAMP with diameter 34,0 mm not for N000
C50	flange CLAMP with diameter 50,5 mm not for N000
C64	flange CLAMP with diameter 64,0 mm not for N000
P9	other

Extension lenght ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ○

7. code	Extension lenght - N
N000	without extension max. temperature on thread 120 °C not for codes M04, G04 and CLAMP flanges
N040	40 mm
N100	100 mm
N___	other - enter lenght in mm to code

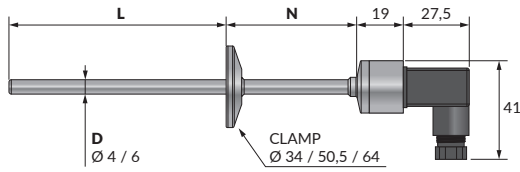
Electrical connection ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ○

8. code	Description
MA	head type MA, Al alloy, with terminal block
KA	connector EN 175301-803 type A (standard)
KC	connector EN 175301-803 type C (mini)
K124	connector M12×1, socket, 4-pin, without counterpart
H9	other

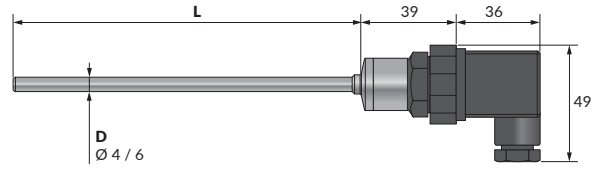
Optional accessories and versions ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ●

Code	Sealings for CLAMP flanges
T1	sealing material EPDM
T2	sealing material SILICONE
T3	sealing material PTFE
T9	other
Code	Calibration
KTE3	3 point calibration in range -40 to 200 °C for L + N less than 120 mm only to 80 °C

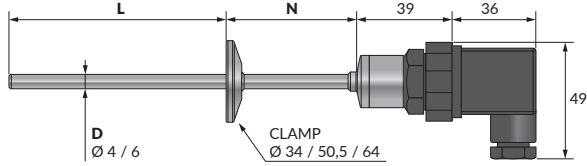
Example of order:
T1050 11 B D60 L250 M04 N40 KA KTE3(0,50,100°C)



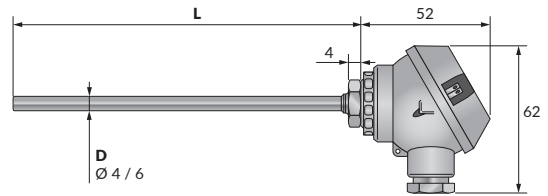
T1050 ... N040 Cxx KC



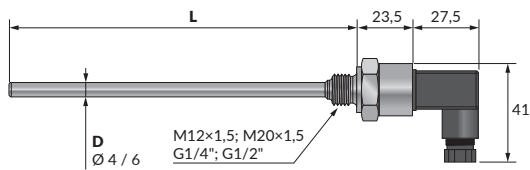
T1050 ... N000 M00 KA



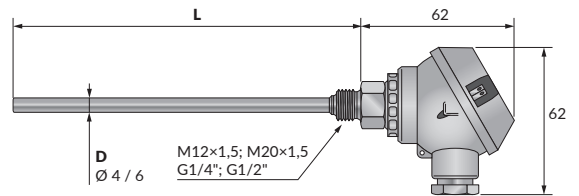
T1050 ... N040 Cxx KA



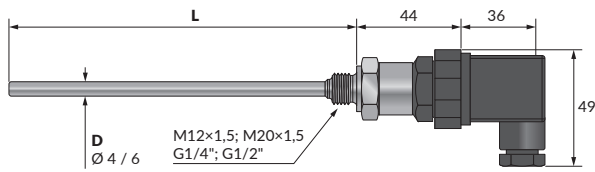
T1050 ... N000 M00 MA



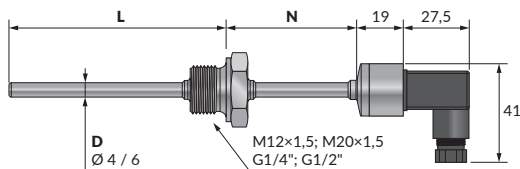
T1050 ... N000 G02 KC



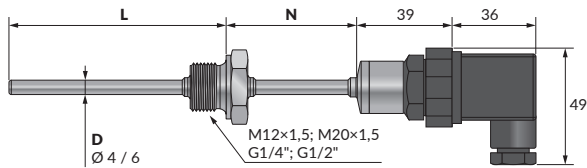
T1050 ... N000 M/Gxx MA



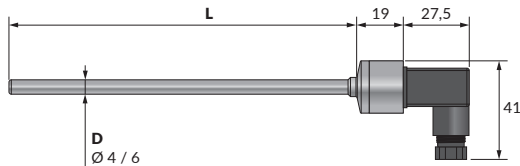
T1050 ... N000 M/Gxx KA



T1050 ... N040 M/Gxx KC



T1050 ... N040 M/Gxx KA



T1050 ... N000 M00 KC