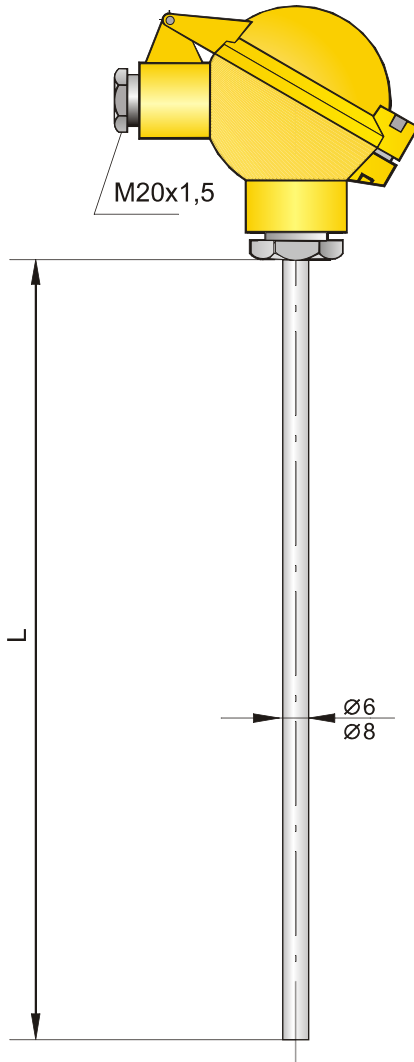


Temperature sensor type CT I6, CT I8



TECHNICAL DATA:

1. Measuring range:
Pt: -200 ... 550 [°C]
J/K: -200 ... 600 [°C]
2. Admissible load:
0.1 [MPa]
3. Material of wetted parts:
304ss or 316Lss
4. Standard immersion length L:
100, 160, 250, 400 [mm] (*)
5. Process connection:
sliding connection UG1
6. Time constant:

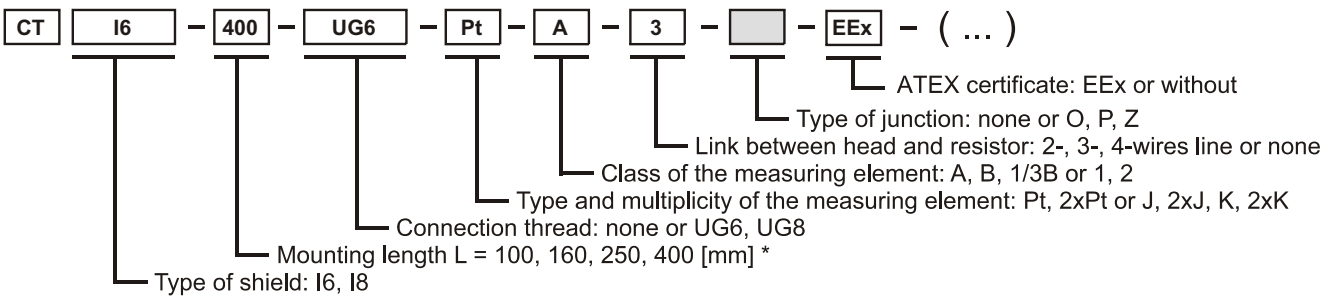
Pt	Type of sensor	T _{0.5} [s]	T _{0.9} [s]
	CTI6	≤ 4	≤ 13
CTI8	≤ 9.5	≤ 28	

J/K	Type of sensor	Isolated junction		Grounded junction	
		T _{0.5} [s]	T _{0.9} [s]	T _{0.5} [s]	T _{0.9} [s]
CTI6	CTI6	≤ 7	≤ 18	≤ 1	≤ 5
	CTI8	≤ 10	≤ 25	≤ 1.5	≤ 7

7. Minimal immersion depth:

Pt:	Ø=6	60 [mm]
	Ø=8	80 [mm]
J/K:	Ø=6	40 [mm]
	Ø=8	60 [mm]

Ordering procedure:



ADDITIONAL INFORMATION:

- 1.* Non-standard length of temperature sensors on demand.
2. Type of exchangeable insert: the external shield of sensor is the insert W1.
3. To specify temperature sensor with the head - mounted transmitter please add code of transmitter at the end of ordering code of sensor (see chapter X) e.g.

CT I8 - 250 - - J - 2 - - 2 - - (GI-22-2/50 ÷ 500C/23mA)