

Screw-in Temperature Sensor ET511

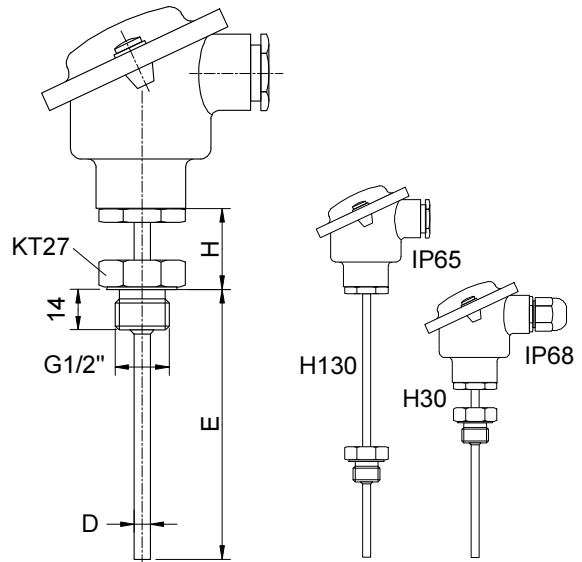


Features

- Measurement range from -50 to +500 °C
- A4 / AISI316 stainless steel protection tube
- G1/2" or custom threaded process connection
- 4-20 mA or RS485 Modbus RTU output options

Specifications

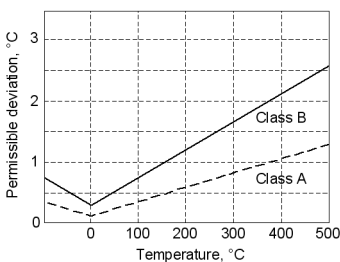
Sensing element	Pt100 class A to EN60751 as standard Pt500, Pt1000 etc. by request double sensor options /2 and /2H
Measurement range	-50...+250 °C as standard -50...+500 °C for /H and /2H options
Wetted materials	1.4404 / AISI316L stainless steel
Protection tube	Ø6 mm as standard, Ø4...12 mm by request
Insertion length E	50 / 75 / 100 / 160 / 200 / 250 mm, custom E = 50...1500 mm by request
Neck length H	short neck 30 mm as standard, long neck 130 mm as option, custom H = 10...200 mm by request
Welded thread fitting	G1/2 male thread as standard, G1/4, M20×1,5 or other by request
Terminal head	Form B to DIN 43729 as standard, max 100 °C with terminal block, max 85 °C with transmitter, other head types by request,
Protection class	IP65, optionally up to IP68
Output options	-C: ceramic terminal block, 3 wires, -I-T1-T2: transmitter 4-20 mA = T1-T2, -U-T1-T2: transmitter 0-10 V = T1-T2, -RS485: digital, Modbus RTU protocol



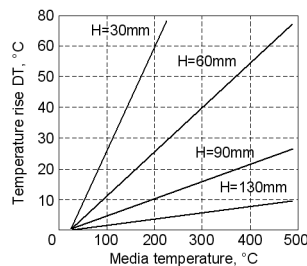
Ordering code

ET511-D[1]E[2]-H[3]-G[4]-[5]/[6]-[7], ...

- 1 - stem diameter, mm
- 2 - insertion length, mm
- 3 - neck length, mm
- 4 - thread type
- 5 - sensing element type
- 6 - double sensor option 2 and high temperature option H
- 7 - output option
- ... - specify additional requirements, eg head type, IP class



Platinum RTD accuracy to EN60751



Head heating over ambient at neck lengths H

