



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

-50...+250 °C as standard Measurement range

-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

Form B to DIN 43729 as standard,

Terminal head max 100 °C with terminal block,

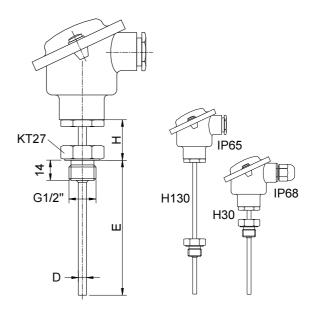
max 85 °C with transmitter, other head types by request,

Protection class IP65, optionally up to IP68

-C: ceramic terminal block, 3 wires, Output options

-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

300 400

