

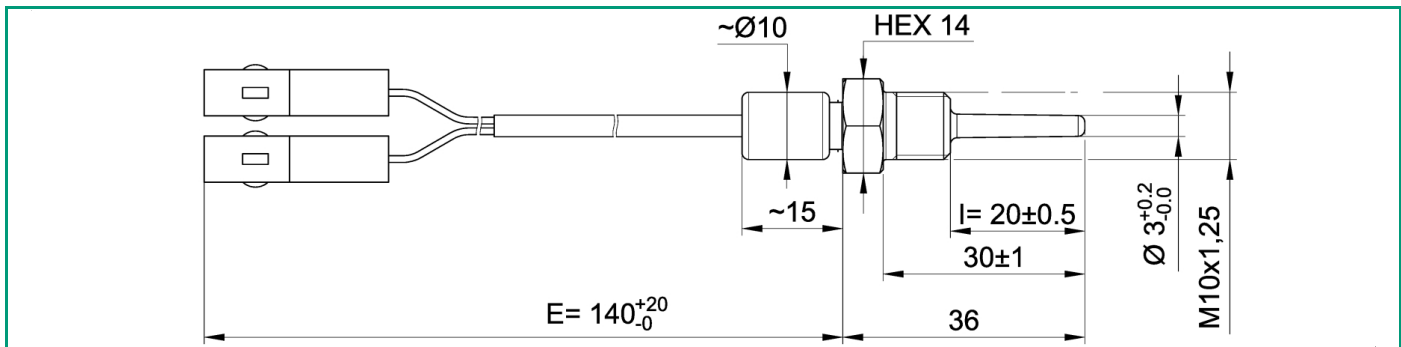
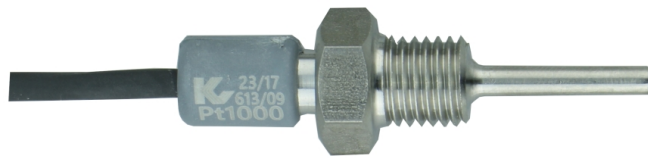
E100006A

Rev. 0 - 10/06/2022

COMPACT Pt1000 RTD PROBE WITH M10x1,25 THREADING AND INTEGRATED CABLE

RTD probe with integrated cable

- RTD probe Pt 1000 in Cl. A
- Thermowell AISI 316L threaded M10x1,25
- FEP/SILICONE RUBBER Cable
- Contact Termination Mate-N-Lock 350561-1 with housing 1-350867-0



TECHNICAL SPECIFICATION

Sensing element	Pt1000 Ω @ 0°C
Accuracy class in accordance to IEC751 (*) (*) Pt 100 cl.A only available with 3 or 4 wires, cl.AA 4 wires only; Pt 1000 cl. A available with 2 wires only for cable lengths below 1 m, for longer cables only available with 3 or 4 wires, cl. AA 3 wires for cable lengths below 1 m, for longer cables only 4 wires.	cl. A
Sensing Element configuration	single 2-wire
Sensing element operating temperature range	-50 ÷ 150°C
Sheet material	AISI 316L
Product type	Mechanical Accessory
Accessory type	thermowell
Thermowell construction	monolithic
Thermowell rod shape	tapered conic
Maximum thermowell stem diameter	Ø 3,5 mm
Minimum thermowell stem diameter	Ø 3 mm

TECHNICAL SPECIFICATION

Internal thermowell stem diameter	Ø 2,5 mm
Fixing system	threaded connection
Process Connection	connection M10x1.25
Immersion l	20 mm
Sheet material	AISI 316L
Thermowell connection interface	pre setted ring for moulding
Insulation resistance	100 M Ω @ 100 Vdc.
Cable conductors	copper tinned
Number of cable conductors	2
Conductor dimension	AWG 24
Conductor feature	strand (7 wire)
Primary insulation	FEP
Primary insulation colour	1 white, 1 red
Secondary insulation	GS (silicone rubber)
Secondary insulation colour	black
Cable size or external shape	about Ø 3,2 mm
Cable working temperature	-40 ÷200°C (peak MAX 230°C)
Transition sleeve type	MOULDED thermoplastic round sleeve
Maximum transition temperature	125°C
Cable extension E	140 mm
Connection body material	POLYAMYDE (MOULDED)
Fixing system	threaded connection
Process connection (*) (*) Thread STANDARDS (CYL. GAS in accordance with UNI-ISO 228) (CON. GAS in accordance with UNI-ISO 7-1) (NPT in accordance with ANSI B 1.20.1)	M10 x 1,25
Type of connector	Plastic Connector Tyco - Type PLUG, 1 circuit - Code Tyco: 1-350867-0
Seamed pin type	Tyco male (pin) to be crimped - Type: MATE-N-LOK® - Wire Size Range: AWG 18-24 - Cod. Tyco: 350561-1
International protection marking (*) (*) According to IEC 60529	IP65