

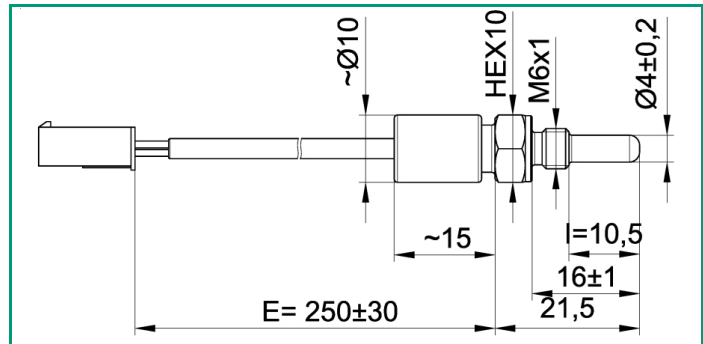
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Rev. 0 - 10/06/2022

COMPACT M6X1 NTC PROBE WITH INTEGRATED CABLE

Compact NTC 3.3K probe with integrated cable

- sensing element NTC 3300 Ohm \pm 2.5% @ 100°C β = (0/100) 3970
- Thermowell AISI 316L with threaded connection M6x1
- Unipolar cables and UL heat-shrinking sheath coating
- Connector termination Molex Mini-FIT 39-01-3023



TECHNICAL SPECIFICATION

Sensing element	NTC R(100°C)=3.3Kohm \pm 2.5%, beta(0/100)=3970
Sensing Element configuration	single 2-wire
Sensing element operating temperature range	-50 ÷ 150°C
Sensing part maximum working temperature	175°C
Sheet material	AISI 316L
Product type	Mechanical Accessory
Accessory type	thermowell
Thermowell construction	monolithic
Thermowell rod shape	cylindrical
Thermowell rod diameter	Ø 4 mm
Internal thermowell stem diameter	Ø 2,9 mm
Fixing system	threaded connection
Process Connection	connection M6x1
Immersion l	10,5 mm
Sheet material	AISI 316L
Thermowell connection interface	pre setted ring for moulding
Insulation resistance	100 M Ω @ 100 Vdc.
Transition sleeve type	MOULDED thermoplastic round sleeve
Maximum transition temperature	125°C
Cable conductors	copper nickel plated
Number of cable conductors	unipolar
Conductor dimension	AWG 24
Conductor feature	strand (7 wire)
Primary insulation	FEP
Primary insulation colour	white

TECHNICAL SPECIFICATION

Cable working temperature	-65 ÷200°C
Note	UL10518 marking
Cable extension E	250 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)	M6 x 1
Pin carrier type	Molex minifit connector 39-01-3023, 2 ways pin carrier
Seamed pin type	Male Molex Minifit cod. 39-00-0048, suitable for AWG 22-28
International protection marking (*) (* According to IEC 60529	IP65