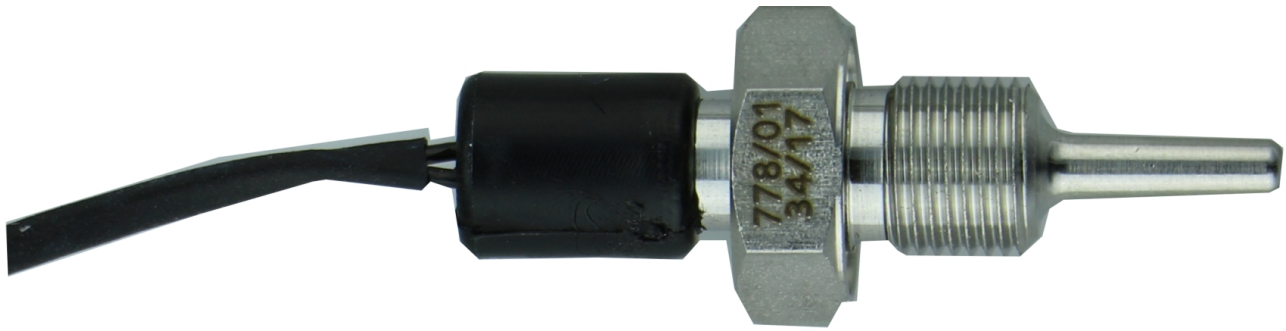
N040002A

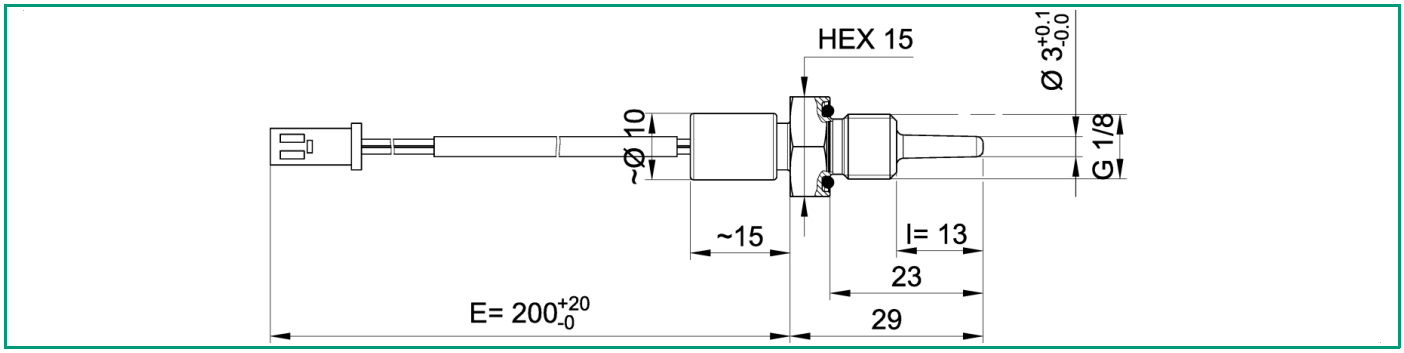
Rev. 0 - 24/05/2021

NTC 3.3K COMPACT PROBE 1/8 G WITH INTEGRATED CABLE

NTC 3.3K compact probe with integrated cable

- sensing element NTC 3300 OHM ± 2.5% @ 100 ° C ß = (0/100) 3970
-Thermowell AISI 316L with threaded connection 1/8 G and sealing ring underneath the hex.
-Copolyester TPC Insulated cables (high T°) coated with heat-shrink sheath
-AMP MODU II connector termination





TECHNICAL SPECIFICATION

Sensing element	NTC R(100°C)=3.3Kohm ±2.5%, beta(0/100)=3970
Sensing Element configuration	single 2-wire
Sensing element operating temperature range	-50 ÷150°C
Sheet material	AISI 316L
Product type	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
Internal thermowell stem diameter	Ø 2,5 mm
Fixing system	threaded connection
Process Connection	threaded 1/8" GAS CIL. acc. UNI-ISO 228
Immersion l	13 mm
Sheet material	AISI 316L
Thermowell connection interface	pre setted ring for moulding

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WE SENSE TEMPERATURE

TECHNICAL SPECIFICATION

Insulation resistance	100 M Ω@ 100 Vdc.
Cable working temperature	-50 ÷175°C (500h @185°C)
Cable conductors	copper tinned
Number of cable conductors	unipolar
Conductor dimension	AWG 24
Conductor feature	strand (7 wire)
Primary insulation	Thermoplastic Copolyester (TPC)
Primary insulation colour	black
Cable size or external shape	about Ø 1,05 mm
Transition sleeve type	MOULDED thermoplastic round sleeve
Connection body material	HIGH TEMPERATURE THERMOPLASTIC
Maximum transition temperature	150°C
Cable extension E	200 mm
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)	1/8" GAS CIL. sec. UNI-ISO 228
pin carrier type	AMP MODU II Connector cod 280358 with 2 ways
Seamed pin type	AMP MODU II, material tinned bronze , for cables AWG26-AWG22, cod. 280708-2
International protection marking (*) (*) According to IEC 60529	IP65/67

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