

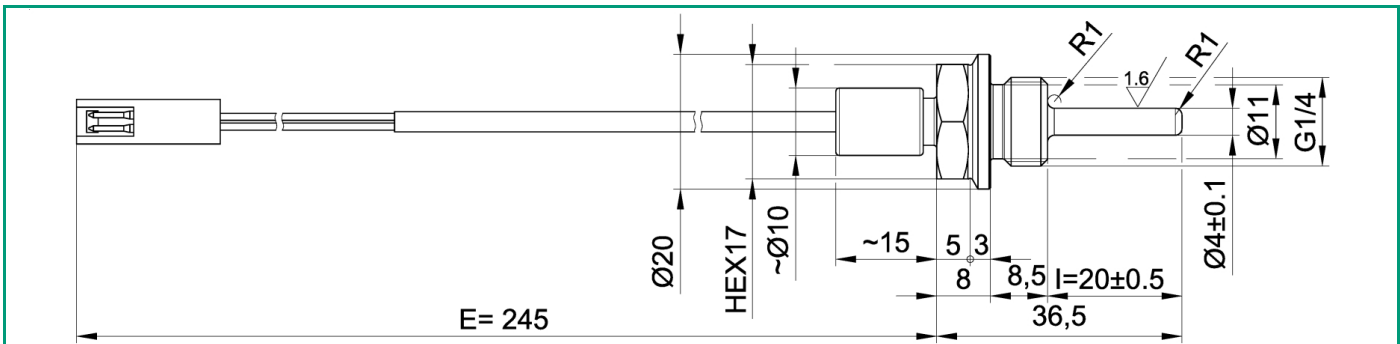
C115011B

Rev. 0 - 10/06/2022

NTC PROBE 3.3K COMPACT 1/4 G WITH INTEGRATED CABLE + HEAT SHRINK TUBING (MODU II AMP TERMINATION)

Compact 3.3K NTC probe with integrated cable

- sensitive element NTC 3300 Ohm \pm 2.5% @ 100°C $\beta=(0/100)$ 3970
- AISI 316L thermowell with 1/4 G threaded connection (with seat for OR)
- single-core polyester insulated cables (for high T°)
- AMP MODU II M 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
Sheath diameter d	Ø 4 mm
Immersion l	20 mm
Sheet material	AISI 316L
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	TPC (Thermoplastic Copolyester)
Primary insulation colour	black
Cable size or external shape	about Ø 1,05 mm
Transition sleeve type	MOULDED thermoplastic round sleeve
Maximum transition temperature	150°C
Cable extension E	245 mm
Connection body material	HIGH TEMPERATURE THERMOPLASTIC
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)	1/4" GAS CIL
Pin carrier type	male connector AMP MODU II HSG 280628
Seamed pin type	male terminal AMP MODU II 1-86557-9
International protection marking (*) (*) According to IEC 60529	IP65/67
FCM Prescriptions	Before the use is required to wash the food contact areas
Contact food type	ACQUA/VAPORE
Type of contact	short and frequently continuous
Contact food temperature range	0 ÷130°C
Notes for FCM	la SONDA è idonea al contatto con ACQUA e VAPORE fino a 130°C