

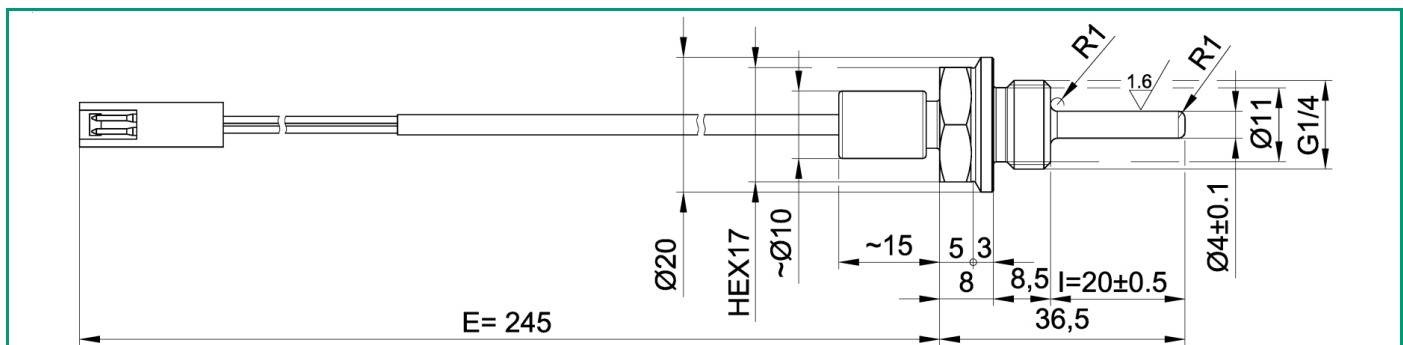
**C115011B**

Rev. 0 - 08/12/2022

**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
Output signal type	thermistor
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
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