

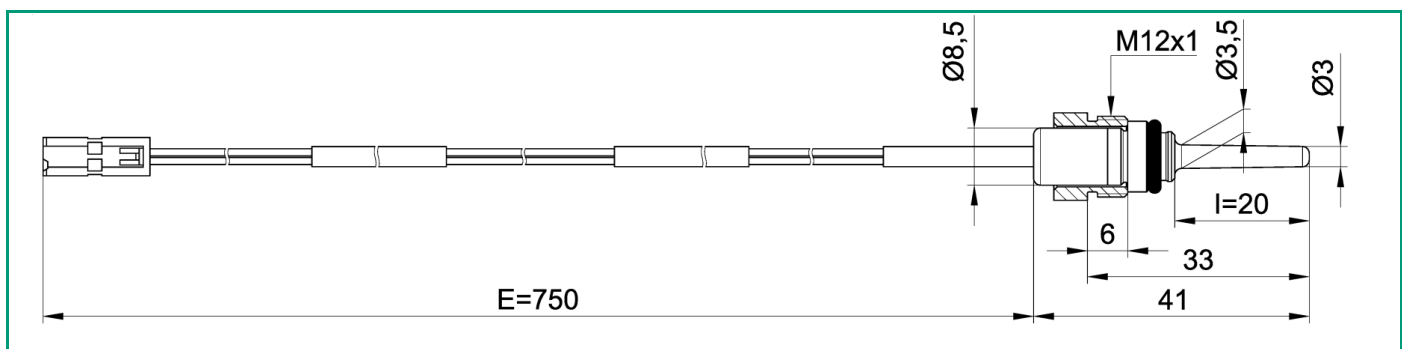
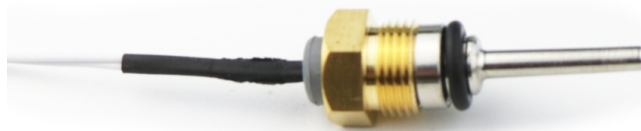
M122001B

Rev. 0 - 24/05/2021

COMPACT NTC PROBE M6X1 WITH INTEGRATED CABLE

Compact probe NTC 47K with integrated cable

- sensing element NTC 47000 Ohm @ 25°C $\beta=(25/85)$ 3690
- thermowell AISI 316L
- mobile process connection M12x1 BRASS CW614N
- sealing O-RING
- insulated single conductor cables in FEP UL regulations
- connector Lumberg 3114-02 ending



TECHNICAL SPECIFICATION

Sensing element	NTC 47000 Ohm @25°C, Beta (25/85) =3690, ±0.57% @92°C (R=4824Ohm)
Sensing part maximum working temperature	125°C (150°C for 5', sensing part)
Sensing Element configuration	single 2-wire
Sheet material	AISI 316L
Sheath diameter d=	Ø 3,5 tapered conic to Ø 3 mm
Immersion l	20 mm
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	cable E=750 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)	M12 x 1
Process connection material	BRASS CW614N
pin carrier type	Lumberg female a two ways 3114-02 connector
Seamed pin type	crimp Lumberg 3111-03 G (10.000 coil)
International protection marking (*) (* According to IEC 60529	IP65