

Extremely rugged and compact RTD probe with moulded on (IP 67) 4 pins connector with M12 male thread. Suitable to give a fast response time despite low temperature and short immersion length.

# TRC COMPACT RESISTANCE TEMPERATURE DETECTOR

TRC



Installation sample

## TECHNICAL DATA

**sensing element:**  
single RTD 1 Pt 100  $\Omega$  at 0 °C  
to IEC 751 class B or class A

**type of construction:**  
screw in RTD probe for direct  
immersion, one piece  
construction

**case material:**  
AISI 316 s.s.

**temperature range:**  
-50 ÷ 120°C

**process connection**  
1/8" straight gas male thread  
(to UNI ISO 228)

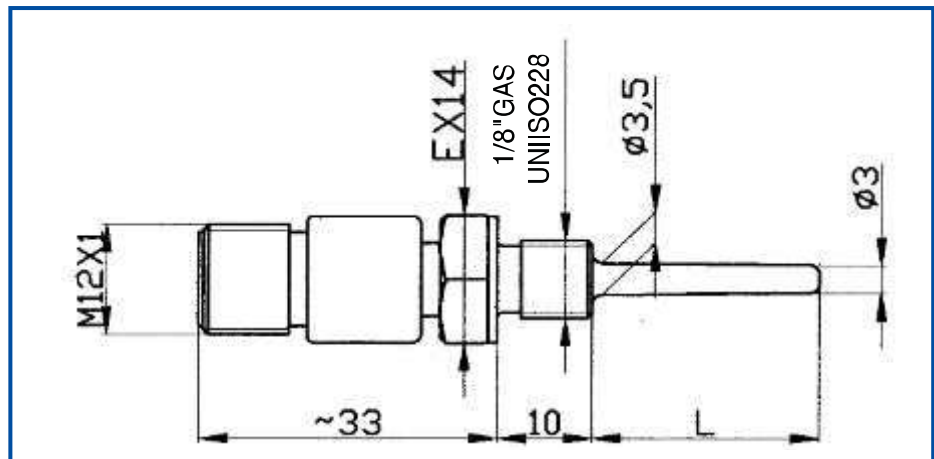
**connection:**  
4 pins male connector with body  
in moulded Nylon and M12X1  
metal thread (to DIN-VDE 0627)  
with degree of protection IP 67  
(T° Max 90°C)

**insulation resistance:**  
100 M  $\Omega$  with 100 Vd.c.

**response time\*:**  
less than 5 seconds

\* Test in water to IEC 751. Time for  
reaching 63% of thermal gap.

**marking:**  
each probe is permanently  
marked with the exact ohmical  
calibration test value at 0 °C,  
the manufacturing date and a  
traceability code



CODE TO ORDER FROM STOCK:

TRC	P1			X
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**ACCURACY CLASS**  
to IEC 751

B	B
A	A

**LENGTH L (mm)**

13	1
24	2

Class	ACCURACY AT 0°C	
	OHM	°C
B	± 0,12	± 0,3
A	± 0,06	± 0,15

Note. The shown products and codes are normally available for delivery from Italcoppie's stock. Any other execution upon request. We reserve the right for technical modifications without prior notice.

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