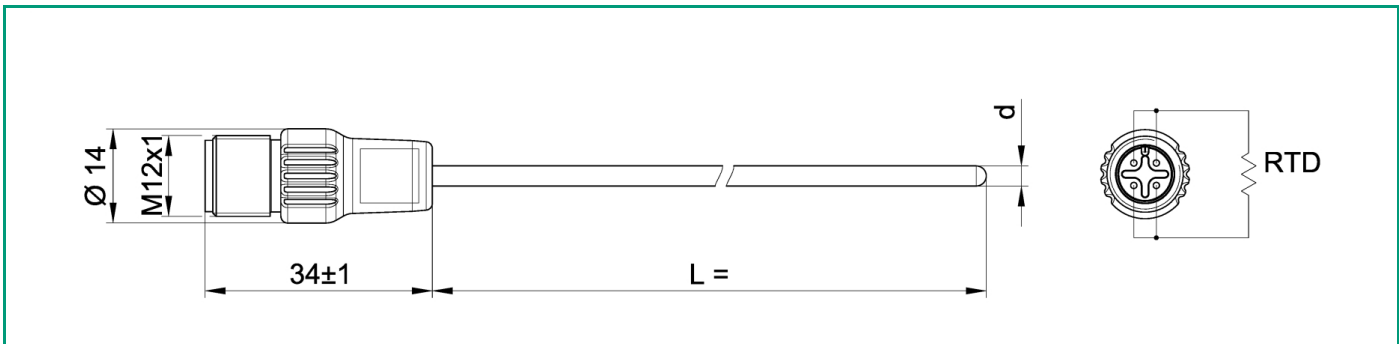
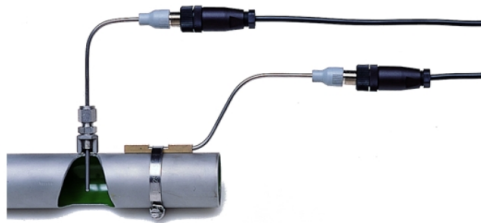


MULTIFUNCTIONAL RTD

Resistance thermometer with 4-pin M12x1 connector

- Moulded IP67 connector
- foldable compact mineral insulation construction (M.I.C.) $\varnothing 3 - 4,5$ or 6 mm
- Suitable for temperatures up to 500°C



TECHNICAL SPECIFICATION

Sensing element	Pt100 Ω @ 0°C
Sensing Element configuration	single 4-wire
Output signal type	thermoreistance
Accuracy class in accordance to IEC751 (*) (*) The accuracy class is valid only in the temperature range indicated by the norm	cl. A , Operating range $-30 \div 300^{\circ}\text{C}$ cl. B, Operating range $-50 \div 500^{\circ}\text{C}$ cl. AA , Operating range $0 \div 150^{\circ}\text{C}$

TECHNICAL SPECIFICATION

Sheath diameter d (*) test in water in accordance with IEC 751. Time taken to reach 63.2% of temperature step	Ø 3 mm, Response time < 3,5 seconds(*) Ø 4.5 mm, Response time < 7 seconds(*) Ø 6 mm, Response time < 13 seconds(*)
M.I.C. min. bending radius	3 times the outer diameter (except the sensing tip which length is ~30 mm)
Sheet material	AISI 316L
Insulation resistance	100 M Ω@ 100 Vdc.
Stem length L	100 mm 150 mm 250 mm 350 mm 500 mm 750 mm 1000 mm
Dimensional notes	Lengths other than those listed can be produced for minimum quantities to be agreed (after our feasibility study)
Type of connector	male 4-pin connector with M12x1 metal screw lock (in accordance with IEC 61076-2-101 STANDARDS)
Connection body material	POLYAMYDE (MOULDED)
Maximum connector temperature	120°C
Marking	marked with calibration value at 0 °C, production date and traceability code
International protection marking (*) (*) According to IEC 60529	IP67
FCM Prescriptions	Before the use is required to wash the food contact areas
Contact food type	all the foods
Materials in contact with food	AISI 316L
Type of contact	continuous
Area suitable for contact	stem for a maximum length of 1 m (measured from the tip)
Contact food temperature range	-40 ÷150°C
Maximum working pressure	PN 100 BAR

ORDER CODES

TRM#	P1				X
		Class (According to IEC 751)	Diameter d (mm)	L = (mm)	
		B	Ø2*	100	0100
		A	Ø3	150	0150
		AA(1/3B)	Ø4,5	250	0250
			Ø6	350	0350
				500	0500
				750	0750
				1000	1000

*only L=250 mm



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■ カタログに掲載してある製品の色は印刷インキの関係上、実際とは異なる場合があります。
■ 製品のデザイン、仕様等などは、予告なく変更する場合があります。

本社：〒124-0023 東京都葛飾区東新小岩3丁目9番6号 TEL: (03) 3695-5431 / FAX: (03) 3695-5698
大阪支店：〒530-0054 大阪市北区南森町2-2-9(南森町八千代ビル7F) TEL: (06) 6361-4831 / FAX: (06) 6361-9360

e-mail: sales-tokyo@krone.co.jp URL: <https://www.krone.co.jp>