



Out of Liquid

Thermal Mass Flow Sensor

Optimal for flow applications in aggressive liquids

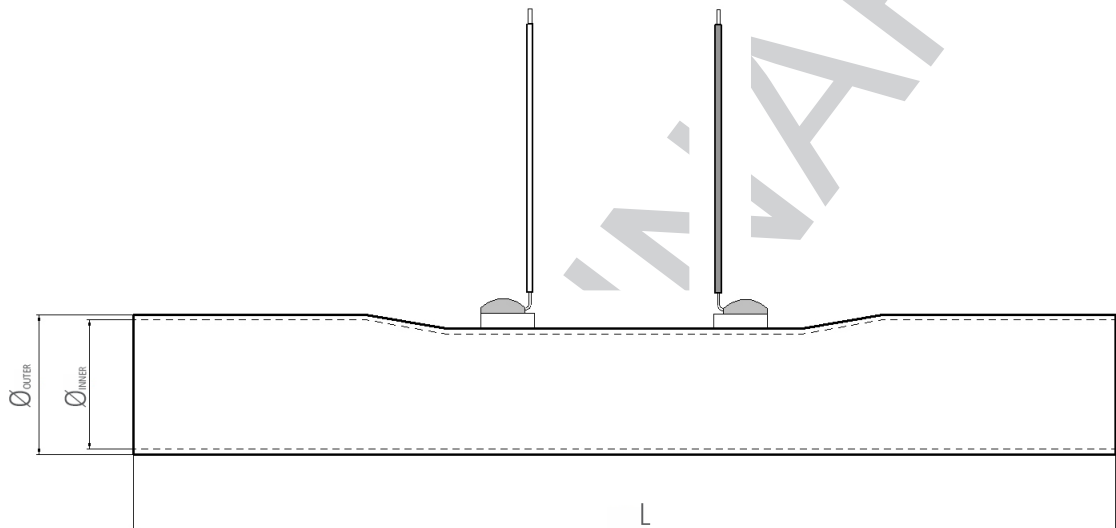


INNOVATIVE SENSOR TECHNOLOGY

Benefits & Characteristics

- Suitable for aggressive liquids
- No contact between sensor and liquid
- High chemical resistance
- Simple flow switches possible

Illustration¹⁾



1) For actual size, see dimensions

Technical Data

Tube dimensions (L x \varnothing_{OUTER} (x \varnothing_{INNER}) in mm):*	40 x 4 (x 3.8)
Operating temperature range:	-50 °C to +180 °C
Characteristics curve (TCR):	3850 ppm/K
Accuracy:	IEC 60751 F0.6 (class C)
Sensor wire:*	Cu/Ag, stranded wire, PTFE insulated, AWG 30/19, 50 mm
Heater:*	$R_H(0\text{ °C}) = 50\ \Omega$
Temperature sensor:*	$R_S(0\text{ °C}) = 1000\ \Omega$
Sensor dimensions (L x W x H x LW in mm):	2.3 x 2 x 1.3
Tube material:*	Stainless steel 1.4301 / 304
Temperature dependency of resistivity	According to IEC 60751

* Customer specific alternatives available



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Order Information

Order code	P1K0/050.232.2K.C.050.M.U.S 310.00953
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Additional Electronics

Module:	Document name: DFOOL_Demo_Module_E
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PRELIMINARY



INNOVATIVE SENSOR TECHNOLOGY

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