



Out of Liquid

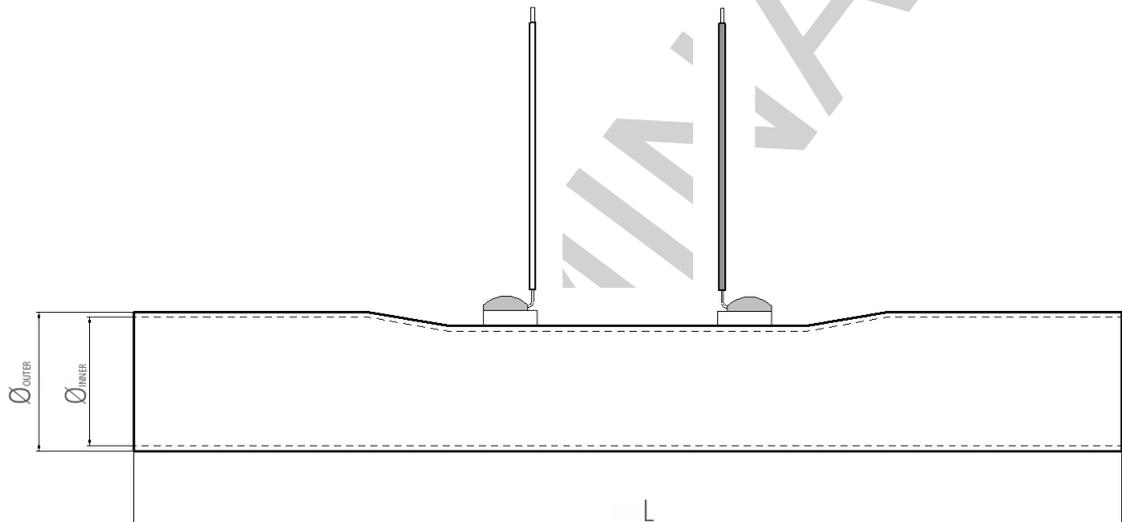
Thermal Mass Flow Sensor

Optimal for flow applications in aggressive liquids

Benefits & Characteristics

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

Illustration¹⁾



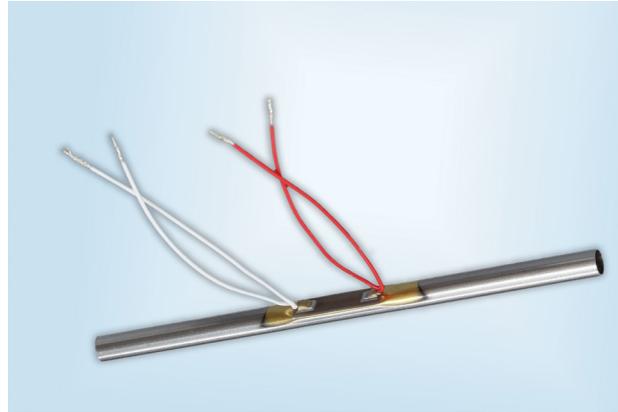
1) For actual size, see dimensions

Technical Data

Tube dimensions (L x Ø _{OUTER} (x Ø _{INNER}) in mm):	40.0 x 4.0 (x 3.8)
Operating measuring range:	0 ml/min to 3000 ml/min (4 m/s)
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 °C) = 50 Ω
Temperature sensor:	R _s (0 °C) = 1000 Ω
Sensor dimensions (L x W x H x LW in mm):	2.3 x 2.0 x 1.3
Tube material:	Stainless steel 1.4301 / 304
Temperature dependency of resistivity	According to IEC 60751



Product Photo



Order Information

Description:	Item number:	Former main reference:
P1K0/050.232.2K.C.050.M.U.S	104171	310.00953

Additional Electronics

Description:	Item number:	Former main reference:
Flow Demo Board OOL - board with 6 mm Out of Liquid sensor	104019	160.00024
Flow Demo Board OOL - board with 4 mm Out of Liquid sensor	104021	160.00026

PRELIMINARY



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