

SPECIAL OFFER

SICK NON-CONTACT FLOWMETERS



\$860.00 Ex-GST

Only while current stocks last

SI6041739 : G1 1/4 connection (as pictured)

SI6044523 : Tri-clover connection

Product description

The non-contact FFU ultrasonic flowmeter detects the flow volume of conductive and non-conductive liquids. Swimming against the current requires more strength than with the current – this is the simple fact on which ultrasonic flow measurement according to the phase difference process is based. Its compact design enables the device to be used in a wide range of applications, including

those with limited space. This sensor with an enclosure rating of IP67 features a seal-free sensor design with high-quality polyphenylsulfone (Ultrason® P), which not only makes it possible to use the device in harsh ambient conditions, but also ensures high process reliability. The large cleartext display also helps provide simple, fast, and hassle-free commissioning.

At a glance

- Flow sensor for conductive and non-conductive liquids
- Compact design with no moving parts
- Process temperature up to 80 °C, process pressure up to 16 bar
- High chemical resistance due to seal-free sensor design
- Large display with membrane keyboard
- Integrated empty tube detection

Your benefits

- Maintenance-free flow sensor; reduces maintenance costs
- Adjustable measuring ranges, reduced number of variants
- Can be used for conductive and non-conductive liquids, reducing both the number of variants and storage costs
- Straight measuring tube reduces pressure loss, thus reducing energy costs
- Sensor without seals increases process reliability and availability
- Flexible measuring device for all industries

Detailed Technical Data	
Nominal diameter measuring tube	DN 25
Process temperature	0 °C ... +80 °C
Process pressure	Max. 10 bar
Minimum flow	≤ 5 l/min
Maximum flow	≤ 240 l/min
Inlet zone	40 cm
Resolution	0.03 l/min
Process connection	G 1 ¼ 1 ¼" NPT Clamp (DIN 11864- 3) (depending on type)
Housing material	PPSU
Enclosure rating	IP 67
Electronics Supply voltage	8 V DC ... 30 V DC
Electrical connection	Round connector M12 x 1, 5-pin
Output signal	Analog output: 4 mA ... 20 mA, 0 mA ... 20 mA current flow and temperature 1 pulse/status output: PNP/ NPN-transistor output for flow rate meter, empty pipe detection, flow monitoring, dosing output, flow direction

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