

INLINE Flowmeter for Continuous Flow Measurement



1/2" to 2", 0-232 PSI

- Turn & Lock bayonet fitting isolates sensor from media
- Direct interface with PLC's
- Multiple material choices

Please add fitting from page 65

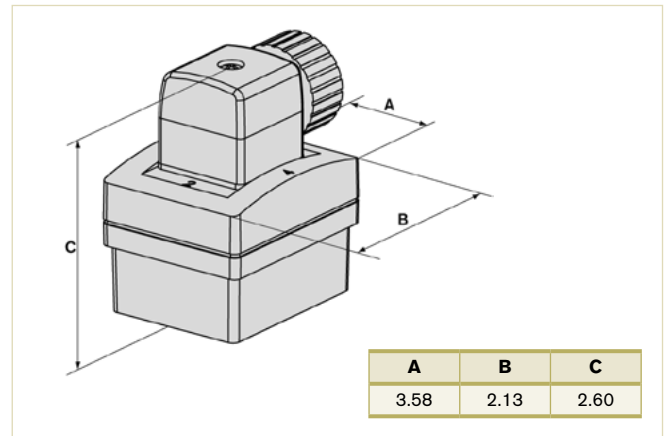
SE30 and SE30HT

Unique bayonet style flow meter constructed from an SE30 sensor and an S030 flow fitting. Perfect for neutral, solid free liquids. A hall-effect sensor produces a square wave frequency proportional to the flow rate or a coil sensor produces a sine wave output.

Technical Data

SE30 Housing material	Polycarbonate
Ambient temperature	5 °F - 140 °F
Voltage supply / Current	12...36 VDC ≤ 30 mA
Max. cable length	164' shielded
Electrical connections	Cable plug
Outputs	Transistor PNP and NPN, Max. 100mA
Protection and Approvals	IP65, CE
Sensor size range	1/2" to 2" with bayonet fitting
Measuring ranges	1 to 33 fps
Measuring error (stand. k-factor)	≤ ±(0.5% o.FS + 2.5% o.R)
Linearity, Repeatability	≤ ± 0.5% o.FS (at 33fps), 0.4% o.R.
Fitting Materials	Brass, Stainless* (NPT), PVC (ASTM Union)
Sensor materials	PVDF paddle wheel with ceramic bearings
O-rings	FKM
Max. Fluid Temperature	212 °F (Metallic), 122 °F (PVC),
Max. fluid pressure	232 PSI (metal), 145 PSI (PVC)

Envelope Dimensions [inch] (see datasheet for details)



Ordering chart SE30

Description	Item no.
NPN/PNP TO PLC	423 913
Hall ¹⁾	423 914
Fitting	see page 65

¹⁾ for use with Burkert electronics only.

Options

- EaseOn cable plug 2511 (on request)
- AS-i Connection (on request)
- Hygienic clamp and ASME weld end connections
- ANSI flange connection
- PVDF and PP fittings. High temperature version to 125 °C/257 °F
- Low flow fittings down to 6 mm
- High flow fittings (8020) to 16"
- Cable plug 2509, 1/2" conduit
- Various sealing materials
- Individual calibration certificate