

Insertion Flow Transmitter for Pipe Sizes above 2"

8026

2" plus, 0-145 PSI

- For Pipe Sizes above 2"
- Direct interface with PLC's
- Brass and stainless

Please add fitting from page 65



Insertion style flow meter constructed from SE26 transmitter provides a two-wire 4-20 mA directly proportional to flow. A range of fittings from weldolets to saddles makes these ELEMENT style transmitters perfect for neutral, solid free liquids. A backlit removable display with joystick programming makes commissioning a breeze.

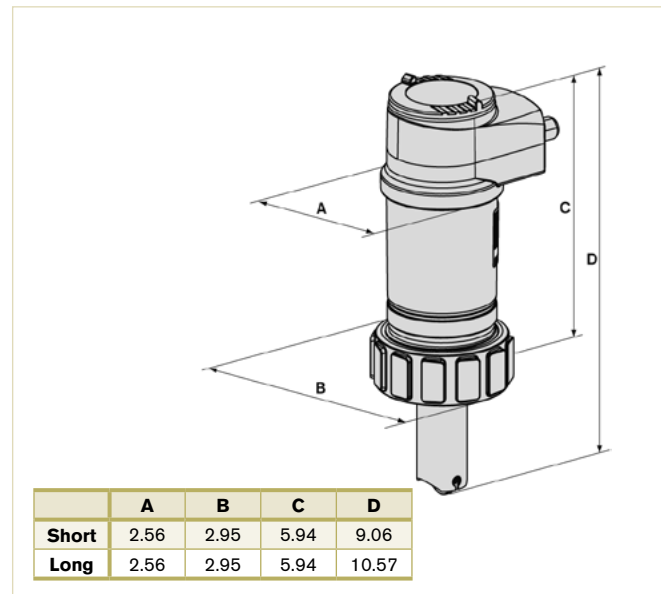
Technical Data

Insertion Flow Meter	
Size range	2" - 16"
Display	Removable dot matrix 128 x 64 with backlight
Measuring ranges	1 to 33 fps
Measuring error (teach in)	$\leq \pm 1\%$ o.FS (at 33fps)
Measuring error (std. k-factor)	$\leq \pm(0.5\%$ o.FS + 2.5% o.R)
Linearity	$\leq \pm 0.5\%$ o.FS (at 33fps)
Repeatability	0.4% o.R.
Housing material	Stainless steel, PPS, PC
Paddle wheel	PVDF
Axis and bearing	Ceramic
O-rings	FKM as standard
Max. Fluid Temperature	212 °F (also depends on piping material)
Ambient temperature range	14 °F to 140 °F
Max. fluid pressure	145 PSI
Voltage supply	14...36 VDC for 2-wire models
Electrical Protection	Short circuit protection Reversed polarity of DC protected
Electrical connections	M12
Outputs	4 ... 20 mA for flow rate Transistor output NPN and PNP, 700 mA
Output Load	< 1100 Ω at 36 V < 610 Ω at 24 V < 180 Ω at 14 V
Ingress protection	IP65 and 67, NEMA4X Accreditations CE, CSA, UR

Options

- PVDF and PP fittings
- Various sealing materials
- Individual calibration certificate
- Without display

Envelope Dimensions [inch] (see datasheet for details)



Ordering Chart

with display		
Output	Item no. short	Item no. long
4...20 mA with 1 transistor	561 863	561 873
4...20 mA with 2 transistor	561 864	561 874
without display		
Output	Item no. short	Item no. long
4...20 mA with 1 transistor	560 863	560 873
4...20 mA with 2 transistor	560 864	560 874

Accessories	Item no.
display only	559 168
M12 5-pin with 6' cable	438 680
M12 5-pin connector	917 116