

F-460N & F-461 Inline Flowmeters

Variable Area Inline Flowmeters for Corrosive Liquids



Description

The F-460N and F461N Inline Flowmeters are ideal for corrosive liquids where a meter with no metal in the fluid path is desirable. These flowmeters feature a ribbed polysulfone body with precisely engineered guides for the Teflon® float. The easy to read dual flow scale (gpm and lpm) is printed directly on the meter body to maintain good visibility. The F-460 series are available in flow ranges up to 5 gm with 3/4" NPT(F) connections. The larger, less restrictive F-461 models are available in flow ranges up to 35 gpm with 1" NPT(F) connectors.

Features

- No metal in fluid path
- Ideal for corrosive liquids

Specifications

Accuracy	±2.5% full scale
Materials	Body: Polysulfone Adapter: PVDF Float: PTFE O-rings: Viton® Half union: Anodized aluminum
Maximum Pressure	150 psi (10.3 bar) @ 70°F (21°C)
Maximum Pressure Drop	2 psi
Maximum Fluid Temperature	210°F (98°C) @ 0 psi
Dimensions	F-460: 10" H x 1-3/4" dia. (25.4 cm H x 4.5 cm dia.) F-461: 15" H x 2-3/4" dia. (38.1 cm H x 7.0 cm dia.)
Weight (Approx.)	F-460: 1/2 lb (0.23 kg) F-461: 3 lb (1.4 kg)

Ordering & Options

Order No.	Flow Range (gpm)	Flow Range (lpm)	Connection
F-46010LP-08K	0.1 to 1.2	0.4 to 4.4	1/2" NPT (F)
F-46020LP-08K	0.2 to 2.0	0.8 to 8	1/2" NPT (F)
F-46030LP-08K	0.3 to 3.0	0.1 to 11	1/2" NPT (F)
F-46050LP-08K	0.5 to 5.0	0.2 to 20	1/2" NPT (F)
F-46050LP-12K	0.5 to 5.0	0.2 to 20	3/4" NPT (F)
F-461100LP-16K	1.0 to 10	0.4 to 40	1" NPT (F)
F-461200LP-16K	2.0 to 20	5 to 75	1" NPT (F)
F-461300LP-16K	3.0 to 35	12 to 130	1" NPT (F)

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