

Series FIG & FIL - Flow Indicators



KEY INSTRUMENTS

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FIG & FIL Series - Flow Indicators

General

The Flow Indicators Series FIG for gases and Series FIL for liquids include a rotor for quantitative flow indication in a special glass or acrylic tube housing. They offer 360° rotor viewing, may be installed in any orientation, and feature a wiper cleaning mechanism for the internal surface of the sight tube. The internal colored rotor spins proportional to flow rates and indicates intermittent or loss of liquid or gas flow. The flow indicator's rugged design is available in brass or stainless steel.

Features

- Cleaning Mechanism for the Internal Surface of the Sight Tube
- 360° Visibility of Colored Rotor
- Stainless Steel or Brass Connections

Specifications

FIG (Gas)	
Maximum Pressure:	232 PSIG (16bar)
Temperature:	
Minimum	40° F (40° C)
Maximum	149° F (65° C)
Average Pressure Loss:	5 PSIG (0.35 bar)*
FIL (Liquid)	
Maximum Pressure:	232 PSIG (16bar)
Temperature:	
Minimum	40° F (40° C)
Maximum	212° F (100° C)
Average Pressure Loss:	3.6 PSIG (.25 bar)*

*At maximum recommended flowrate

Process connections 1/4" to 1-1/2" FNPT



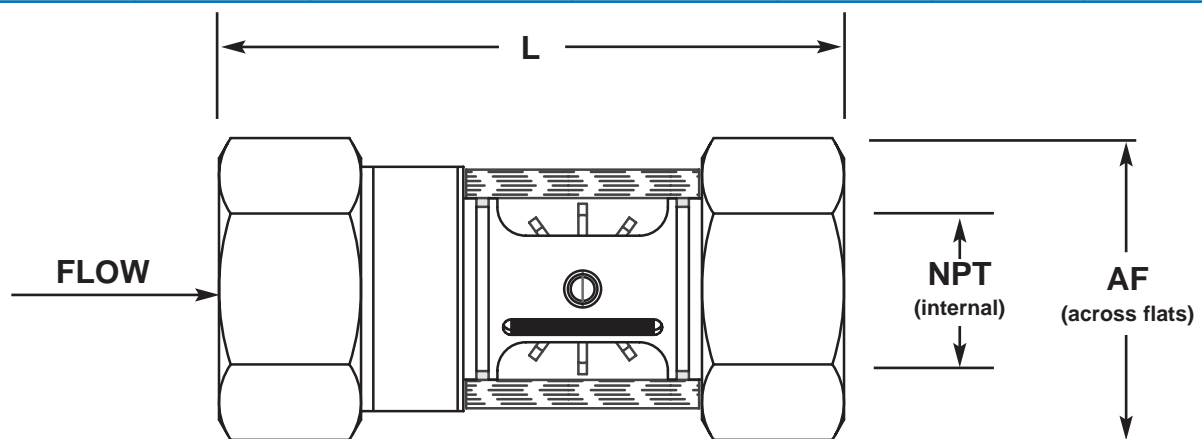
Consult factory for complete technical details.



**Recommended
Mounting
Positions**

FIG & FIL Series - Flow Indicators

		Model	Max Flow (LPM)	Min Flow (LPM) Start of Rotor	Thread Size (NPT)	L in. (mm)	AF in. (mm)	Weight Lbs. (kg)
BRASS	G a s	FIG001	60	18	1/4"	3.22/(82)	1.42/(36)	0.99/(0.45)
		FIG003	150	20	3/8"	3.22/(82)	1.42/(36)	0.88/(0.40)
		FIG005	250	25	1/2"	3.81/(97)	1.81/(46)	1.76/(0.80)
		FIG007	250	25	3/4"	4.33/(110)	1.81/(46)	1.87/(0.85)
		FIG009	350	35	1"	4.45/(113)	1.81/(46)	1.65/(0.75)
		FIG011	600	60	1-1/4"	5.28/(134)	2.56/(65)	4.19/(1.90)
		FIG013	700	70	1-1/2"	5.28/(134)	2.56/(65)	3.85/(1.75)
	L i q u i d	FIL001	4	0.7	1/4"	3.22/(82)	1.42/(36)	0.99/(0.45)
		FIL003	8	0.8	3/8"	3.22/(82)	1.42/(36)	0.88/(0.40)
		FIL005	12	1.4	1/2"	3.81/(97)	1.81/(46)	1.76/(0.80)
		FIL007	25	1.4	3/4"	4.33/(110)	1.81/(46)	1.87/(0.85)
		FIL009	40	1.7	1"	4.45/(113)	1.81/(46)	1.65/(0.75)
		FIL011	80	8.0	1-1/4"	5.28/(134)	2.56/(65)	4.19/(1.90)
		FIL013	100	8.0	1-1/2"	5.28/(134)	2.56/(65)	3.85/(1.75)
STAINLESS STEEL	G a s	FIG002	60	18	1/4"	3.22/(82)	1.42/(36)	0.99/(0.45)
		FIG004	150	20	3/8"	3.22/(82)	1.42/(36)	0.88/(0.40)
		FIG006	250	25	1/2"	3.81/(97)	1.81/(46)	1.76/(0.80)
		FIG008	250	25	3/4"	4.33/(110)	1.81/(46)	1.87/(0.85)
		FIG010	350	35	1"	4.45/(113)	1.81/(46)	1.65/(0.75)
		FIG012	600	60	1-1/4"	5.28/(134)	2.56/(65)	4.19/(1.90)
		FIG014	700	70	1-1/2"	5.28/(134)	2.56/(65)	3.85/(1.75)
	L i q u i d	FIL002	4	0.7	1/4"	3.22/(82)	1.42/(36)	0.99/(0.45)
		FIL004	8	0.8	3/8"	3.22/(82)	1.42/(36)	0.88/(0.40)
		FIL006	12	1.4	1/2"	3.81/(97)	1.81/(46)	1.76/(0.80)
		FIL008	25	1.4	3/4"	4.33/(110)	1.81/(46)	1.87/(0.85)
		FIL010	40	1.7	1"	4.45/(113)	1.81/(46)	1.65/(0.75)
		FIL012	80	8.0	1-1/4"	5.28/(134)	2.56/(65)	4.19/(1.90)
		FIL014	100	8.0	1-1/2"	5.28/(134)	2.56/(65)	3.85/(1.75)



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