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Flo-Gage Flow Switch Gas



Our general purpose flow switches (gas) reed switches make or break contacts by detecting the position of a magnet permanently attached to the lever mechanism on the flow indicator. Our reed switches can also be ordered for use in hazardous locations (Option IS), when fitted with LED's (Option LED) it provides viewing at a glance and easy field calibration.

[How To Order](#)

Standard Specifications: (General Purpose)

Accuracy: $\pm 3\%$ F.S.
 Repeatability: $\pm 1\%$ F.S.
 Pressure Max.: 180 psig (12.6 kg/cm²)
 Pressure Min.: 10 psig (0.67 kg/cm²)
 Temp. Max.: 212°F (100°C)
 Temp. Min.: -30°F (-34°C)

Electrical Rating:

Ambient Temp.: 120°F (50°C)
 Setability: $\pm 5\%$ F.S.
 Hysteresis: $\pm 13\%$ F.S.

Contact Rating:

10 Watts
 175 Vdc max.
 125 Vac max.

Current: 350 mA max. switching

Hazardous Location Specifications: (Option IS & LED)

Contact Rating:

Vmax = 28V, Imax = 110mA, Pmax = 1.2W, Ci = 0uF, Li = 0uH

CSA / NRTLc: AEx ia IIC: Class I, Division I, Groups A, B, C & D
 Class II, Division I, Groups E, F & G

KEMA: Ex ia IIC: Zone 0, II 1G T4 0°C ≤ Ta ≤ 50°C ATEX EC Type Examination

Enclosure Rating: NEMA 4X / IP66

Protect from freezing liquid

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Item #	Size	Connection Type	Series	Process Connection	Material
1/4-71	1/4 in	Threaded	7000	BSP - Bronze Only	Bronze
1/4-72	1/4 in	Threaded	7000	BSP - Bronze Only	Monel

1/4-73	1/4 in	Threaded	7000	BSP - Bronze Only	SST
1/2-71	1/2 in	Threaded	7000	NPT	Bronze
1/2-72	1/2 in	Threaded	7000	NPT	Monel
1/2-73	1/2 in	Threaded	7000	NPT	SST
3/4-71	3/4 in	Threaded	7000	NPT	Bronze
3/4-72	3/4 in	Threaded	7000	NPT	Monel
3/4-73	3/4 in	Threaded	7000	NPT	SST
1-71	1 in	Threaded	7000	NPT	Bronze
1-72	1 in	Threaded	7000	NPT	Monel
1-73	1 in	Threaded	7000	NPT	SST
1 1/2-71	1 1/2 in	Threaded	7000	NPT	Bronze
1 1/2-72	1 1/2 in	Threaded	7000	NPT	Monel
1 1/2-73	1 1/2 in	Threaded	7000	NPT	SST
2-71	2 in	Threaded	7000	NPT	Bronze
2-72	2 in	Threaded	7000	NPT	Monel
2-73	2 in	Threaded	7000	NPT	SST
3-71	3 in	Threaded	7000	NPT	Bronze
3-72	3 in	Threaded	7000	NPT	Monel
3-73	3 in	Threaded	7000	NPT	SST
08-71	08 mm	Threaded	7000	BSP	Bronze
08-72	08 mm	Threaded	7000	BSP	Monel
08-73	08 mm	Threaded	7000	BSP	SST
15-71	15 mm	Threaded	7000	BSP	Bronze

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