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Flo-Gard II Flow Switches Liquid



Our general purpose Flo-Gard II flow switches (liquid) reed switches make or break contacts by detecting the position of a magnet permanently attached to the bellows. Our reed switches can also be ordered for use in hazardous location (Option IS), when fitted with LED's (Option LED) it provides viewing at a glance when flow rate goes below or above the set point and makes field calibration easy.

[How To Order](#)

Standard Specifications: (General Purpose)

Accuracy: $\pm 3\%$ F.S.
Repeatability: $\pm 1\%$ F.S.
Pressure Max.: 400 psig (28.1 kg/cm²)
Pressure Min.: 10 psig (0.67 kg/cm²)
Temp. Max.: 212°F (100°C)
Temp. Min.: -30°F (-34°C)

Enclosure Rating: NEMA 4X / IP66

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

Protect from freezing liquid

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Item #	Size	Connection Type	Series	Process Connection	Material
1/4-11	1/4 in	Threaded	1000	NPT	Bronze
1/4-13	1/4 in	Threaded	1000	NPT	SST

1/2-11	1/2 in	Threaded	1000	NPT	Bronze
1/2-13	1/2 in	Threaded	1000	NPT	SST
3/4-11	3/4 in	Threaded	1000	NPT	Bronze
3/4-13	3/4 in	Threaded	1000	NPT	SST
1-11	1 in	Threaded	1000	NPT	Bronze
1-13	1 in	Threaded	1000	NPT	SST
1 1/2-11	1 1/2 in	Threaded	1000	NPT	Bronze
1 1/2-13	1 1/2 in	Threaded	1000	NPT	SST
2-11	2 in	Threaded	1000	NPT	Bronze
2-13	2 in	Threaded	1000	NPT	SST
3-11	3 in	Threaded	1000	NPT	Bronze
3-13	3 in	Threaded	7000	NPT	SST
08-11	08 mm	Threaded	1000	BSP	Bronze
08-13	08 mm	Threaded	1000	BSP	SST
15-11	15 mm	Threaded	1000	BSP	Bronze
15-13	15 mm	Threaded	1000	BSP	SST
20-11	20 mm	Threaded	1000	BSP	Bronze
20-13	20 mm	Threaded	1000	BSP	SST
25-11	25 mm	Threaded	1000	BSP	Bronze
25-13	25 mm	Threaded	1000	BSP	SST
40-11	40 mm	Threaded	1000	BSP	Bronze
40-13	40 mm	Threaded	1000	BSP	SST
50-11	50 mm	Threaded	1000	BSP	Bronze

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