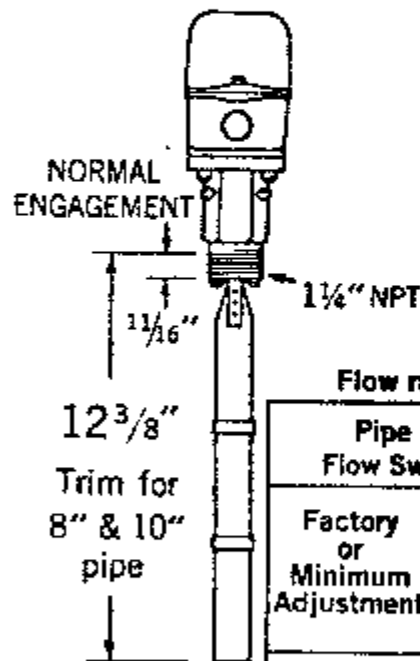


McDonnell FS7-4L Series Flow Switches



- Maximum pressure, 300 psi
- Maximum temperature, 300 F

These are same as the FS7-4 Series, but are fitted with a longer paddle to provide greater sensitivity to flow when used in larger pipes. They are available in standard, vapor-proof and explosion-proof models. Wetted parts are brass, stainless steel, bronze, solder and Buna N elastomer. Operating features and dimensions—except for the paddle—are same as for corresponding FS7-4 Series Models:



No. FS7-4L has standard construction, like No. FS7-4;
 No. FS7-4VL has vapor-proof construction, like No. FS7-4V;
 No. FS7-4EL has explosion-proof construction, like No. FS7-4E, and is Underwriters Listed for use in hazardous atmospheres listed at top of page.

For electrical ratings and switch schematics, see page 3.

For time delay relays to eliminate false starts from turbulence, see page 18.

FLOW RATES REQUIRED TO ACTUATE FS7-4L SERIES

Flow rates in gallons per minute (GPM) shown in black.

Pipe Size in which Flow Switches Installed			8"	10"	12"	14"	16"	20"	24"	30"	36"
			Sch. 40	Sch. 40S	Sch. 40S	Sch. 30S	Sch. 30S	Sch. 40	Sch. 40	Sch. 40	Sch. 40
Factory or Minimum Adjustment	Flow	GPM FPS	94 0.60	148 0.60	211 0.60	258 0.60	342 0.60	520 0.60	752 0.60	1177 0.60	1723 0.60
	No Flow	GPM FPS	47 0.30	74 0.30	106 0.30	129 0.30	171 0.30	260 0.30	376 0.30	589 0.30	861 0.30
Maximum Adjustment	Flow	GPM FPS	140 0.90	221 0.90	317 0.90	387 0.90	513 0.90	780 0.90	1128 0.90	1766 0.90	2584
	No Flow	GPM FPS	125 0.80	197 0.80	282 0.80	344 0.80	456 0.80	693 0.80	1002 0.80	1570 0.80	2297

Flow rates are averages which may vary $\pm 10\%$ from tabulated values.