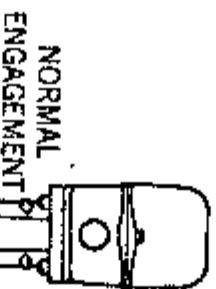


McDonnell FS7-4L Series Flow Switches



- 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:

1 1/4" NPT

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	Factory or Minimum Adjustment		Maximum Adjustment	
	No Flow	Flow	No Flow	Flow
8" Sch. 40	94	0.60	125	0.80
	47	0.30	125	0.80
10" Sch. 40S	148	0.60	197	0.80
	74	0.30	197	0.80
12" Sch. 40S	211	0.60	282	0.80
	106	0.30	282	0.80
14" Sch. 30S	258	0.60	344	0.80
	129	0.30	344	0.80
16" Sch. 30S	342	0.60	456	0.80
	171	0.30	456	0.80
20" Sch. 40	520	0.60	693	0.80
	260	0.30	693	0.80
24" Sch. 40	752	0.60	1002	0.80
	376	0.30	1002	0.80
30" Sch. 40	1177	0.60	1570	0.80
	589	0.30	1570	0.80
36" Sch. 40	1723	0.60	2297	0.80
	861	0.30	2297	0.80

Flow rates are averages which may vary ± 10% from tabulated values.

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.