

PROXIMITY SWITCHES

For Use with FL-500 Series Flowmeters

With 1 FNPT End Fittings

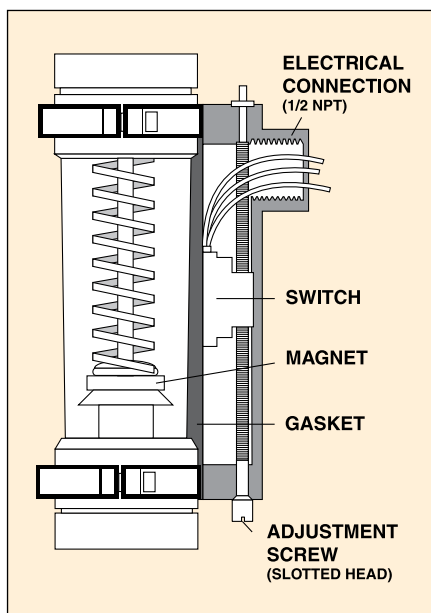
FL-500-RI



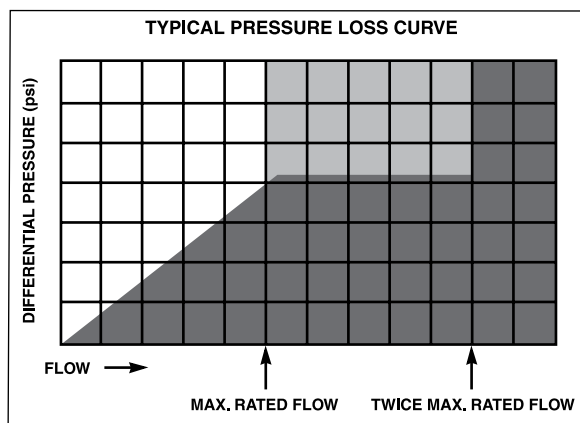
Magnet force is used to trigger the 3-wire SPDT electric switch at any level of flow desired.

- ✓ Complete Switch Kits, Ready for Installation
- ✓ Easy Switch Point Setting Adjustment to Desired Flow Rate Indication
- ✓ Set High and Low Limits With 2 Proximity Switches
- ✓ One Switch Can Act as Deviation Alarm

The FL-500-RI proximity switches generate electrical signals at your predetermined flow rates, adding versatility and performance to the FL-500 Series flowmeters. Each switch kit contains all the necessary hardware for quick and trouble-free mounting. Kits consist of a ring-shaped ceramic magnet that fits around the float in the flowmeter and a proximity switch mounted in a rugged housing that easily clamps to the body of the flowmeter. As the changing flow causes the float to move within the tube, the magnet moves with it, and its magnetic field trips the proximity switch at the predetermined flow rate. Adjustment screw allows for easy flow rate adjustment. Add two switches to indicate both high and low flow rate limits.



Note: Switch activates over a 25% of full scale band; above and below this band, the relay deactivates.



FL-500-RI switch, mounted on FL-515 in-line flowmeter. Shown smaller than actual size.

SWITCH SPECIFICATIONS

Contact Ratings:

12 Vdc at 0.25A

28 Vdc at 0.107A

120 Vac at 0.025A (at 77°F)

Dimensions: 152 x 89 mm (6 x 3½")

To Order

Model No.	For Use with the Following In-Line Flowmeter Models
FL-500-RI	FL-505, FL-510, FL-515
FL-500-R2	FL-530, FL-540, FL-550

Comes complete with one magnet, one switch housing, one foam gasket, two half collars, four cap screws with washers and operator's manual. Two nuts are also included and are needed only when two switches are mounted on one flowmeter.

Ordering Examples: **FL-500-RI**, proximity switch for FL-505, FL-510, FL-515 flowmeters.
FL-500-RI, switch, and **FL-515**, flowmeter.