This flow operating control is not electronic and is intended for continuous operations in normal pollution situations. The switch has type 1C action for micro interruptions on operations. This is an independently mounted water flow operating control, which is intended for surface mounting, that makes or breaks an electrical circuit when flow starts or stops.

Temperature Range: The maximum mounting surface temperature (T_S) and the maximum fluid temperature (T_L) allowed for the control is the maximum value as indicated in the Operation Temperature Range.

Earthing: If the internal switch does not have an "insert earthing symbol here" marked on a terminal screw the control is earthed via the pipe mounting.

Enclosure Protection Class

Nema Enclosure	Equivalent IP Rating	Flow Switch Models
Type 1 General Purpose	IP 21	All Models
Type 4X Water Proof	IP 56	FS-1W, FS6-W, FS7-4W FS8-W
Type 7 and 9 Hazardous Locations	N/A	FS7-4E

Switch Ratings

7.4 (7.4)A/120V~	3.7 (3.7)A/240~
0.3A/120V=	0.15A/240V=

CE Conformance

Refer to the specific series ranges stated below. For applications outside these ranges additional means of suppression may be required.

Refer to the Declaration of Conformity for specific standards applied (available on request).

Series AF

For applications with loads between 0.5 and 3.7 Amps, power factors exceeding 0.65, an anticipated system switch operation rate of less than 5 times per minute, and any one cycle greater than 3 seconds on and 3 seconds off, the product complies.

For applications with loads between 38 mA and 0.5 Amps, power factors exceeding 0.65, an anticipated system switch operation rate of less than once per 5 minutes, and any one cycle greater than 3 seconds on and 3 seconds off, the product complies.

Series AFE, FS1, FS5

For applications with loads between 0.5 and 3.7 Amps, power factors exceeding 0.65, an anticipated system switch operation rate of less than once per 2.5 minutes, and any one cycle greater than 3 seconds on and 3 seconds off, the product complies.

For applications with loads between 0.5 and 38 mA, power factors exceeding 0.65, an anticipated system switch operation rate of less than once per five minutes, and any one cycle greater than 3 seconds on and 3 seconds off, the product complies.

Series FS4

For applications with loads between 14 mA and 3.7 Amps, power factors exceeding 0.65, an anticipated system switch operation rate of less than 5 times per minute, and any one cycle greater than 3 seconds on and 3 seconds off, the product complies.

Series FS6

For applications with loads between 38 mA and 3.7 Amps, power factors exceeding 0.65, an anticipated system switch operation rate of less than once per 2.5 minutes, and any one cycle greater than 3 seconds on and 3 seconds off, the product complies.

Series FS7

For applications with loads between 14 mA and 3.7 Amps, power factors exceeding 0.65, an anticipated system switch operation rate of less than 5 times per minute, and any one cycle greater than 3 seconds on and 3 seconds off, the product complies.

Series FS8

For applications with loads between 0.5 and 3.7 Amps, power factors exceeding 0.65, an anticipated system switch operation rate of less than once per 2.5 minutes, and any one cycle greater than 3 seconds on and 3 seconds off, the product complies.

For applications with loads between 0.5 and 38 mA, power factors exceeding 0.65, an anticipated system switch operation rate of less than once per 5 minutes, and any one cycle greater than 3 seconds on and 3 seconds off, the product complies.