

FCS Series



Flow Switch In Noryl Materials

Operating Characteristic

Contact Configuration		SPST
Contact ratings maximum (resistive load)	Volts DC	100
	Volts AC	250
	Amps	1.0
	Watts	10
Maximum withstand across open contacts	Volts DC	600
Initial contact resistance	Ohms	0.25

The above contact ratings are for resistive loads, for inductive, capacitive and tungsten filament lamp loads, refer to the circuit protection notebook

Environmental Specifications

HOUSING MATERIAL	Noryl
SHUTTLE MATERIAL	Noryl
OPERATING TEMPERATURE	-30 to + 85°C

Detailed chemical resistance information for specific liquids is available on request.

Flow Specifications

Operate Flow Rates	0.6 ± 0.3 Litres/min, (0.13 ± 0.08 US Gallons/Min) Switch Horizontal
Flow Direction	Arrow Indication
Pressure Drop	0.17 Bar (2.5PSI) at 10 Litres/min (2.64 US Gallons/min)

Mechanical Specifications

Mounting Position	Pipe Thread	Shock (reed-switch only)	Vibration (reed-switch only)
Any Plane	Connection 3/8" BSP 3/8" NPT	50g for 11ms duration	35g up to 500 HZ

Part Number

FCS - 01 = 3/8" BSP thread
FCS - 02 = 3/8" NPT thread

Electrical Connections

Fitted with 2 x 0.5 meters of 22 AWG 16/0.2mm UL 1015 PVC Insulation

Dimensions

