



SFS-1

DIFFERENTIAL WATER PRESSURE SWITCH

APPLICATION

The SFS-1 is a Differential Water Pressure Switch which has been designed as a safety Cut-out to detect water flow in systems.

DESCRIPTION AND OPERATION

The SFS-1 switch closes an electric contact when the differential pressure between the two inlets reaches the upper setpoint and opens the contact when it drops below the lower setpoint. When the pressure differential exceeds 5Kpa the Normally Open Micro-switch contact makes.

When the pressure differential is less than 2Kpa the Normally Open Micro-switch contact opens .

TECHNICAL DATA

ITEM	DESCRIPTION
Part Number	SFS - 1
Maximum switching Voltage	250 Vac
Minimum Pressure to Close	5 Kpa
Minimum Pressure to Open	2 KPa
Maximum Static Pressure	1000 KPa
Maximum Pressure Differential	500 Kpa
Micro-Switch Rating	10 (3) Amp @250 Vac
Plumbing Connections	G ¼" UNI 228
Micro-Switch Connections	Blue = Common / Brown = Normally Open
Maximum Fluid Temperature	95 ° C
Minimum Fluid Temperature	5 ° C
Casing IP Rating	IP 40

MOUNTING DETAILS / INSTALLATION

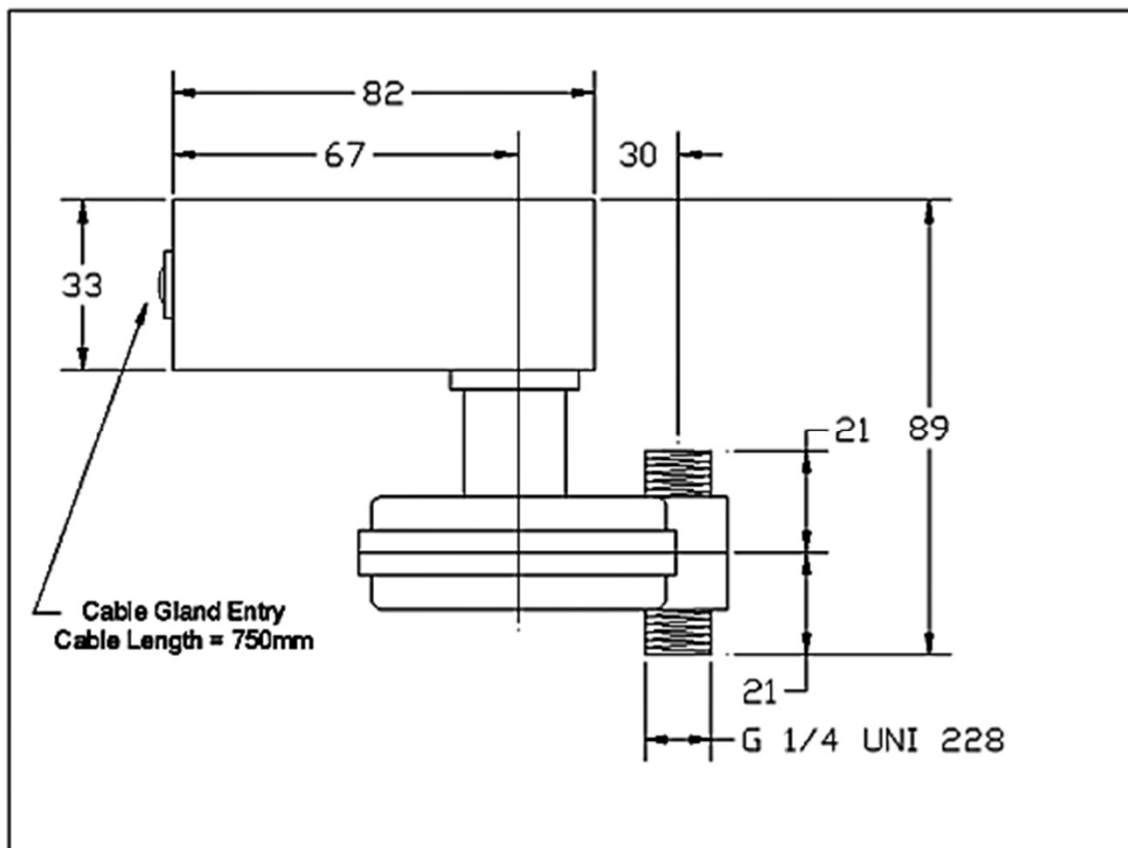
Connect pipes to each side of the SFS-1. NOTE : The High and Low side connections are indicated by + / - on the SFS-1 body . Connect the cables as required .

Manufacturer Model Code : SFS-050-M1

KEY FEATURES

- Brass Body
- Stainless Steel Springs
- No Dynamic Seals (O-Rings)
- Self Extinguishing ABS Micro-Switch Case
- Low Maintenance
- Low Cost

DIMENSIONS



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