

HEVAC

CONTROLS

SFS-1

Differential Water Pressure Switch

General Instructions

Application

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

A Normally Open Contact closes when the Differential Pressure exceeds 50Kpa and Opens when the Differential Prssue drops below 27 Kpa.

Features

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

Specifications

Maximum switching voltage:	250 Vac
Minimum Pressure to Close:	50 kPa +/- 9KPa
Minimum Pressure to Open:	27 KPa +/- 9KPa
Maximum Static Pressure:	1000 KPa
Maximum Pressure Differential:	500 KPa
Micro Switch Rating:	10(3) A @ 250 Vac
Plumbing Connections:	G 1/4 UNI 228
Micro Switch Connections:	Blue = Common Brown = Normally Open
Maximum Fluid Temperature:	95 Degrees Celsius
Minimum Fluid Tempertature:	5 Degrees Celsius
Casing IP Rating:	IP40

Installation

Connect pipes to SFS-1. Note the high and low side connections indicated by +/- on the SFS-1 body. Connect cables as required.

Model Numbers and Markings

Manufacturer Model Code: SFS-050-M1 ART.7.004.00029
HEVAC Controls Stock Code: SFS-1



Operation

Pressure differential exceeds 50 Kpa, Normally Open Micro-Switch Contact makes.

Pressure differential less than 27 Kpa, Normally Open Micro-Switch Contact opens.

Dimensions (Millimeters)

