

INLINE FLOW SWITCH FOR PRATT SAFETY SHOWER ALARM KITS MODEL NO: SEILFS

This flow switch has a free sliding piston which moves within the body of the switch. When the shower or eyewash is turned on the piston moves with the flow of fluid and actuates a magnetically linked switch.

The flow switch can be used in conjunction with the Pratt Alarm Kit or as a stand-alone flow switch, which can be wired directly to a Back to Base monitoring system.

INSTALLATION

The valve body screws directly onto the male inlet of the safety shower. The water supply connects to the male inlet of the flow switch. Suitable thread sealant is required on all plumbing connections.

ELECTRICAL CONNECTION

When used with a Pratt Alarm Kit, the following wiring connections apply:
Black wire from alarm housing – connect to S1 terminal.
Red wire from alarm housing – connect to S2 terminal.

SPECIFICATIONS

Connections: 25mm 1" BSPT male Inlet
1" BSPT female outlet

Body Material: 316 stainless steel
IP Rating: IP67

Switch Type: Dry Reed Configuration: Single Pole, single throw, normally open (S.P.S.T N.O)

Max Switch Power: 40W

Max Switch Voltage: 240V AC / 200V DC

Min Switch Voltage: Hazardous Rating: 12V DC

Liquid Temperature Range: Classified as a Simple Device when used in conjunction with a safety barrier (not included) Max 90C / Min – 20C

Max Operating Pressure: 200 Bars (20,000kPa/2900 PSI)

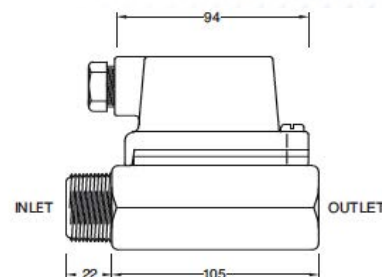
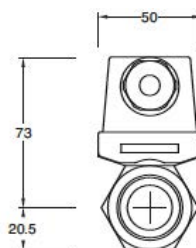
Max Flow Rate: 90 LPM

ALARM KIT.

Part no: PSAL1

(Non-Hazardous, Weather Resistant Only)

Audible Visual Alarm with red flashing strobe light and siren.



Reviewed May 2021