

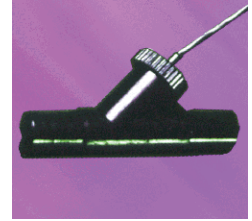


Flow Switches - 15mm/22mm Dia Pipe
 Stock numbers - 257-076, 338-9823, 257-082



Flow Switch Series - Installation Notes

- Maximum Operating Pressure 10 bar. (140 PSI)
- Low flow version available
- WRAS approval
- Temperature rated to 85°C (185°F)

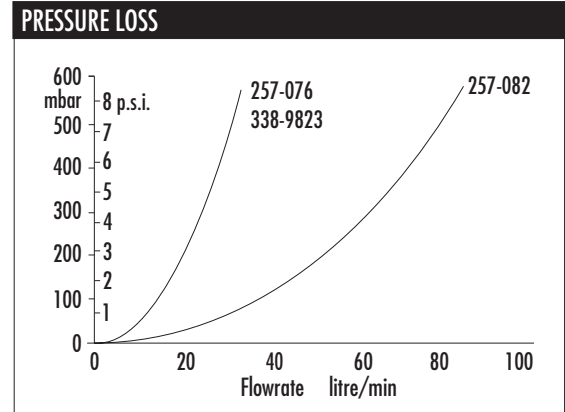


General

Our range of Flow Switches are reed switch based devices which are manufactured in Acetal resin. These switches are designed for use in liquid flow systems up to 10 Bar pressure. Advanced design ensures minimal fluid flow restriction.

These may be used with water, weak acids (including organic acids) up to a concentration of 5% maximum at ambient temperatures.

Do not use these flow switches with any type of chlorinated liquid (e.g. Bleach).



ELECTRICAL SPECIFICATIONS		ALL TYPES	FS15A 257-076	FS15LF 338-9823	FS22A 257-082	
RS Stock Number						
Contact form	N/O	Operate Flow Rate*	litres/min	2.0	0.90	3.75
VA Rating	15		US gals/min	0.53	0.24	0.99
Switching Voltage AC	240	Release Flow Rate**	litres/min	0.3	0.25	1.40
Switching Voltage DC	120		US gals/min	0.08	0.07	0.37
Switching Current maximum A	1.0	* The switch will have operated when the flow rate rises above this value.				
All ratings are for resistive load only		** The switch will have released when the flow rate falls below this value.				

Installation

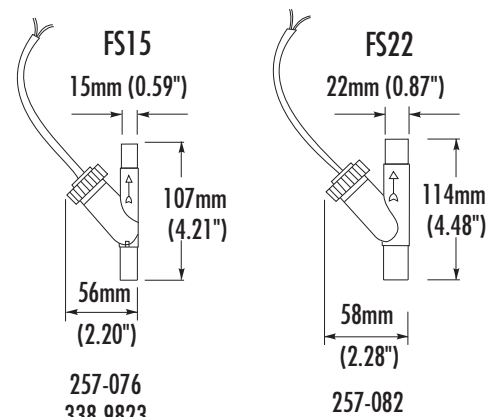
Before installation check the free movement of the switch plunger by gently shaking the switch.

Flow switches can be mounted horizontally or vertically. As the operating piston is returned to its original position by gravity the cap must always be upwards. Greater operate flow sensitivity is achieved with vertical installation. Supplied with 25cm Cable. When using metal compression fittings to connect flow switches to copper tube, care should be taken not to overtighten the fittings onto the flow switch body.

Caution

The use of plastic plumbing fittings may affect electrical earth continuity bonding as required by IEE regulations. If in doubt, consult a qualified electrician.

OUTLINE DIMENSIONS



SIGNAL CONNECTION:

Two 7/0.2mm (0.22mm²) PVC Insulated equipment wires to B.S.4808:Pt 2. Terminated in flow switch cap.

Every effort has been made to ensure that the description and specifications quoted are correct, however, no liability can be accepted for any errors or omissions in this data. The detail specifications are subject to change without prior notice.