

SM-FOZ-41XX Side Entry Float Switch



The **SM-FOZ-41XX** family of single point side entry float switches are designed around the simple, proven and reliable reed switch and magnet principle.



The SM-FOZ-4105 and SM-FOZ-4120 are mounted from the inside and outside of the tank respectively whereas the SM-FOZ-4115 has a universal fitting, which expands on tightening, and can be mounted from either the inside or outside of the tank. All three versions can be used to trigger either a low level or high-level alarm.







SPECIFICATION

Liquid Types

Liquids compatible with the construction materials, Typically: Diesel, Kerosene, Petrol, Water.

Materials

Float & Stem: Polypropylene.

Bush/Nut Polypropylene.

Washer Nitrile.

Environmental Ratings

Operating Temp: -20 °C to +80 °C. **Operating Pressure:** TBC bar.

Electrical

Operation: N/O or N/C – user selectable.

Max Current:1 A.Max Voltage:250V.Max Power:70 W.

Connections

Flying Lead Length: 600 mm of 22 AWG PTFE.

Dimensions

Part #	Mounting Hole	Max Insertion	Float Movement
SM-FOZ- 4105	Ø16 mm	70 mm	35 mm
SM-FOZ- 4115	Ø16mm for Internal mount Ø18.5mm for External mount	67 mm	35 mm
SM-FOZ- 4120	½" NPT	70 mm	35 mm

SM-FOZ-4105 - Internal Fitting



SM-FOZ-4115- Universal Fitting



SM-FOZ-4120 - External Fitting



8.6/XX Rev 3

Since the suitability of these products depends upon a wide range of factors not in our control, Rochester Sensors UK Limited expects and understands that you will conduct the testing and evaluation necessary to determine that these products are suitable for your application. Whilst every effort is made to ensure the above details are correct at the time of printing, Rochester Sensors UK Limited reserves the right to make material changes, and or technical changes without notification.