

PRODUCT FACT SHEET

AMF PNEUMATIC OVERFILL SENSOR



TECHNICAL DATA

PRODUCT CODE	: AMF-OFS-130-
MATERIAL	: AL / SS 316
SEALS / O-RINGS	: PTFE encapsulated
DESIGN CODE	: BS EN13922:2011
TEST CRITERIA	: BS EN 12266-1:2012
PRESSURE COMPENSATION	: 10 kPa
MAX. TEMPERATURE	: 200 degrees Celsius
MIN. TEMPERATURE	: -15 degrees Celsius

COMPATIBLE PRODUCTS

Fuels:

- Petrol
- Diesel
- Paraffin

Industrial Solvents

Alcohols
Benzene
Toluene

OPERATING OBJECTIVE

The AMF pneumatic overfill sensor forms part of a sophisticated bottom loading system that automatically closes the bottom valve once the tank compartment has been filled to a pre-set level.

The use of these sensors mean operators no longer need to monitor tank filling from above or make reference to calibration charts to avoid spillages due to over filling.

DESIGN AND APPLICATION

As a pneumatic device the sensor is seamlessly incorporated with other pneumatically controlled equipment such as bottom valves and vapour transfer systems.

The pneumatic operation has the added advantage of avoiding reading errors often associated with product contamination and damage to optical prisms fitted to optical overfill sensors.

A 400mm long tube allows operators to set the sensor for a wide range of filling levels.

MAINTENANCE

While highly reliable overfill sensors must be well maintained and it is recommended that setting and servicing is carried out by a qualified agent.

BASIC DIMENSIONS & FITMENT

Flange OD : 152mm
Flange BCD : 130mm
Flange holes : 4 * 12.5mm

Height : 98mm (external)
Inner Tube : 400mm

Bolted to a top mounted flange
1/8" BSP air fitting