

Level Alarm Model BI-3000H-OFA

Features

The Equipco Level Alarm Unit BI-3000H-OFA provides an audible and visual alarm for monitoring level. When used with the Equipco Level Switch, it forms an integral unit which may be directly mounted on a fuel tank to indicate overfill. The powerful audible alarm can be heard over the sound of the pumping equipment. It is battery powered and fitted within a sealed IP65 enclosure. It satisfies the requirements of AS1940 as an overfill alarm for diesel tanks.

The BI-3000H-OFA has the following features

- Long lasting batteries
- Timed cutoff
- Pulsed alerts after cancel (If in alarm state)

NOTE : For hazardous area applications refer to the BI-4000HP Brochure (ATEX and IECEx Ex ia)

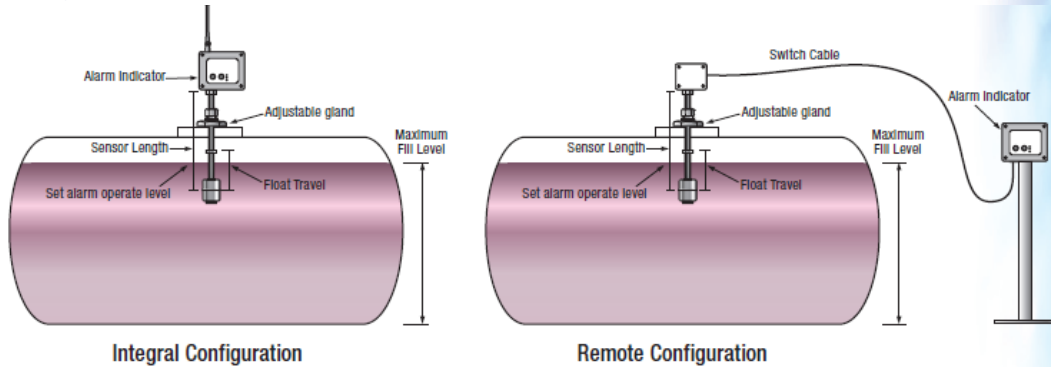
Specifications

Alarm	
Enclosure:	Cast Alloy, IP65
Mounting:	Integral - fixed to sensor
Environment:	External
Alarms:	Warble Siren 97dBA and flashing LED
Alarm Duration:	2 min
Battery Life:	Dependent on alarm operation (estimated 1-2 years)
Adjustment:	Tank level threshold set via sensor position
Power Requirements:	4 x AAA Batteries or 12-24VDC Current at 24VDC full alarm $\approx$ 30mA, with radio $\approx$ 35 mA, with radio and Relay $\approx$ 60mA
Operating Temperature:	-20°C to 60°C
Dimensions:	L x H x D, 115 x 90 x 55 mm
Colour:	White – Non-Hazardous Area
Compliance:	Meets the requirements of AS1940 for overfill indication
Sensor:	
Switch:	Normally Open (NO)
Connection:	2 inch BSP (Other process connections as factory options)
Orientation:	Vertical $\pm$ 30°
Guide Tube:	12 mm
Guide Tube Length:	300 mm standard, other specify (3000 mm maximum)
Float:	SVK44/15/A
Nominal Pressure:	0.5 MPa
Operating Temperature:	-10°C to 50°C



The Equipco Level Alarm may be used to detect maximum tank levels. A float operates a magnetic reed switch as it moves up or down the guide tube. The required levels are set by sliding the guide tube in the gland while the float travel is limited by adjustable collars on the guide tube.

Configuration



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