

FPod to FlowPod Upgrade



FPod



FlowPod

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FPod

Upgrade Options:

1. Return the existing flowmeter and instrument to Litre Meter. The actual meter parts and pressure vessel body will remain untouched. They can be calibrated, if required. The top works which includes the cap and sensor are modified or replaced and installed with the new FlowPod.
2. Litre Meter send out an upgrade kit. This comprises a new cap plus top works, display and comprehensive instruction manual. The FlowPod will be pre-programmed with the existing meter data.



New Sensor

During the upgrade, Litre Meter can alter the display from direct mounted to remote or vice-versa. As the new unit is considerably smaller this should be a straight swap. Litre Meter can also modify the design to crank the display backwards or forwards to avoid any obstructions.

Certification options are as follows:

- Exia- ATEX, IECEx
- Exd- CSA(US): Class1 Div1 (B,C,D)
- CSA(CAN): Class1 Div1 (B,C,D)
- ATEX: Ex db IIC
- IECEx: Ex db IIC

The end result is a more compact, 2 or 4 wire instrument with full HART programmable on site or through a HART communicator, rated to IP68 with reverse flow detection and redundancy and a stainless steel sensor.

All VFF FPod meters can now be upgraded to the revolutionary FlowPod display using one of two upgrade methods. This upgrade fully utilises Litre Meter's new sensor technology, matched with the FlowPod it allows the pre 2015 VFF meters to compete with today's technology. Once upgraded, the FlowPod has 75% reduction in volume which allows transport, installation and handling to be carried out with ease.

Key Features

The new FlowPod has some significant advantages over the traditional FPod that has been used by Litre Meter for VFF Exd instrumentation between 2005 and 2015.

- Compact
- 2 or 4 wire
- Multiple sensing options
- Rotatable through 360° display
- LM memory card (LM-MC)
- Reduced size and weight
- Easy wiring
- Full programmable HART 7
- Stainless steel enclosure
- Exia or Exd Class 1 Div 1
- No exposed cabling
- Easier sensor adjustment
- PCB mounted sensor with stainless cartridge.
- Reverse flow detection
- Sensor redundancy built in
- IP66/IP68 dual certified

Please note: The FPod is no longer manufactured, mainly due to critical component obsolescence. It is functionally replaced with the FlowPod.



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