

FL46300 Series

IN-LINE FLOWMETERS

INSTRUCTION
SHEET

M3584/0600

The FL46300 Series of in-line flowmeters offers individual, handmade quality, combined with excellent accuracy and repeatability.

These flowmeters are machined of high Quality acrylic rod stock, carefully Polished to a clear-as-glass finish. Easy To read scales are screen printed on the Meter body. Adapters are glass filled Polypropylene, and O-ring seals are Viton®.

SPECIFICATIONS

Accuracy: ±5%

Meter Construction: Acrylic body

O-ring Material: Viton®

Float: 316SS (PVC for FI46302)

Temperature Limit: 65°C (150°F) at 0 psig

Pressure Limit: 150 psig at 21°C (70°F)

Pressure Drop: 2.0 psi max.

Dimensions: FL46301-06: 208 H x 32 Mm D (8-3/16 x 1-1/4"); FL46307-09: 279 H x 32mm D (11 x 1-1/4")
Weight: 680 g (1.5 lb)

INSTALLATION

- ✓ Always use Teflon® tape or similar material on pipe threads when making connections. Never use oil base pipe dopes or solvents.
- ✓ Remember you are installing an Instrument and fittings should be tightened only enough to prevent leaking. Over tightening may result in damage to the meter.
- ✓ Never hold the meter with pliers or like tools during installation.
- ✓ Install the meter in an exactly vertical plane to obtain the best possible reading.
- ✓ Whatever the installation circumstances, meter should never be allowed to support the weight of The related pipe or tubing.

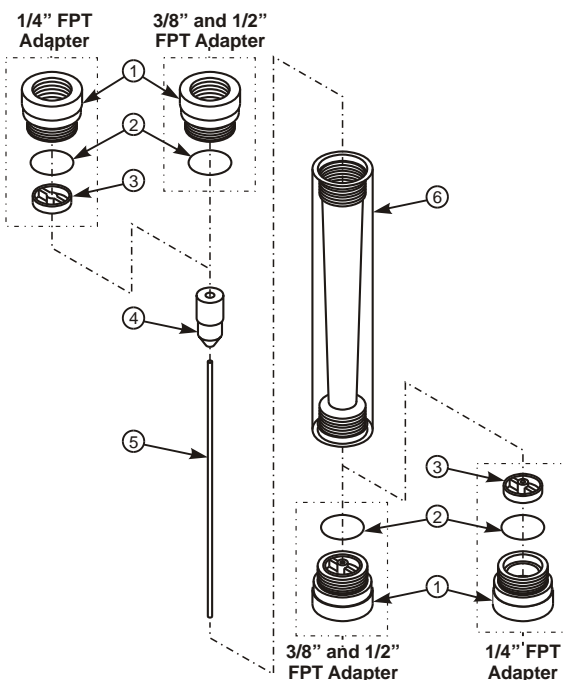


- ✓ When installing the FL46300 series meters, be certain of proper pipe alignment, misalignment will put excessive stress on the meter.

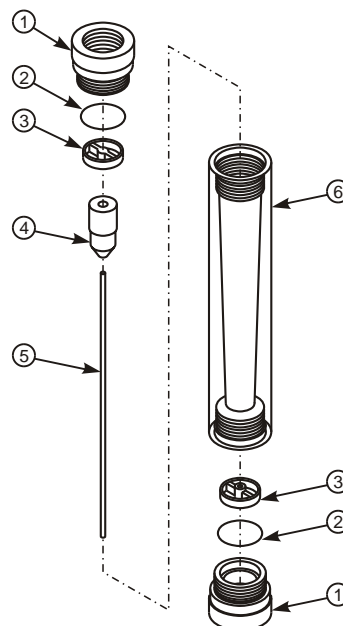
MAINTENANCE

The "Exploded View" drawings illustrate assembly of the FL46300 series meters. If your flowmeter needs to be cleaned, refer to these drawing when reassembling the unit. The tapered tube may be cleaned with a soft bottle brush. Use a **MILD** soap and water solution for cleaning purpose.

1/4", 3/8" and 1/2" FPT



3/4" and 1" FPT



Parts

1. Adapters (2)
2. "O" Ring Seal (2)
3. Wire Holder (2)*
4. Float (1)*
5. Guide Wire (1)
6. Meter Body (1)*

*Parts not available need to buy a new unit.

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2. Model and serial number of the product under warranty, and
3. Repair instructions and/or specific Problems relative to the Product

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