

Magnetic Level Gauge - Flag Type



Model 048 Mini

Model 048 Mini – is an economical gauge with an 1-1/4" diameter tubing.

Model	Housing
048S4	304SS
048S6	316SS
048HC	Hastelloy C

Connections:

- 1/2" NPT or Flanged
- 3/4" NPT or Flanged
- Sanitary Fittings

Mounting Types:

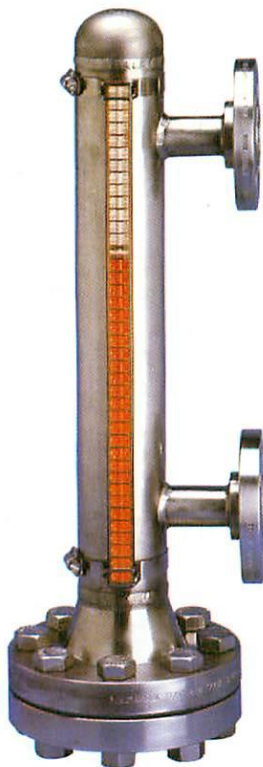
- Top and Bottom
- Side and Side
- Top and Side
- Side and Bottom
- Top of Tank Mount

Ratings:

- Pressures up to 400 PSIG
- Temperatures up to 400°F

Available Options are:

Indicating Scales, Frost Proof Extensions, High Temp Switch Modules, Transmitters, Receivers, and Heat Tracing.



Model 049

Model 049 – features a 2-1/2" diameter tube design for the Alloy gauges and a 2" diameter Sch. 80 Pipe for the Plastic gauges.

Model	Housing
049S4	304SS
049S6	316SS
049HC	Hastelloy C
098KY	PVDF (Kynar)
098PV	PVC
098TS	Teflon Lined

Connections:

- 1/2" NPT to 2" Flanged
- Sanitary Fittings

Mounting Types:

- Same as Model 048

Ratings:

- Pressures up to 4200 PSIG
- Temperatures up to 750°F

Available Options are:

Indicating Scales, Frost Proof Extensions, High Temp and Explosion-proof Switch Modules, Transmitters, Receivers, Heat Tracing, Crevice Free Designs, Electro-Polished Designs.

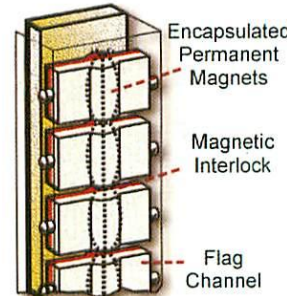
Features

- ◆ No Glass
- ◆ Up to 25 Foot Centers
- ◆ Flag System Visual Indication
- ◆ High Visibility
- ◆ Electronic Outputs
- ◆ Environmentally Safe
- ◆ For Steam Service
- ◆ ASME, ASTM, ANSI Ratings
- ◆ Various Materials Available
- ◆ Tri-Clover Sanitary Fittings, CIP

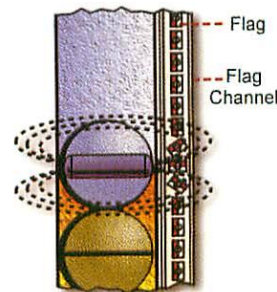
Ratings

- ◆ Pressures up to 4200 PSIG
- ◆ Temperatures up to 750°F

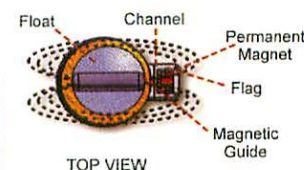
OPERATING PRINCIPAL



□ A permanent magnet enclosed in each flag forms secure magnetic interlock with surrounding flags resulting in proper alignment. This alignment is unaffected by shock, vibration, surges, or rapid level changes.



□ A powerful permanent bar magnet lies in a horizontal position within the float. This positioning directs the flux density of the magnetic field toward the flags. Flag rotation is positive and reliable.



□ Float capabilities to handle liquid specific gravity range as low as 0.39.