



Magnetic Liquid-Level Gauges 6300 Series

Application

The COLM (COntec Liquid Measurement) M6300 series, Magnetel gauges are specially designed for mobile applications such as truck, trailer, container. It incorporates a special spring steel shock absorber, which dampens vibrations and road shocks. As all contec gauges, its dial is easily replaceable with no leakage or loss of pressure.

Materials of Construction

The construction material is specified by a number (TRIM No.) which should be specified as a suffix to the model number.



TRIM	HEAD	Support Center Shaft Float Arm	Counter balance	Magnet	Gears	Gasket	Application
00	Aluminum ASA-DIN	Stainless Steel	Zinc Platted Steel	AlNiCo	Stainless Steel	Not Supplied	LPG, Ammonia
08	Aluminum	Stainless Steel	Zinc Platted Steel	AlNiCo	Stainless Steel	BUNA N	LPG, Ammonia, Fuels, Oil
11	Stainless Steel	Stainless Steel	Zinc Platted Steel	AlNiCo	Stainless Steel	Teflon filled 304 SS spiral wound	Refrigerants, Chemicals, LPG, NH3, CO2
12	Stainless Steel	Stainless Steel	Stainless Steel	AlNiCo Enclosed in 316 SS cup	Stainless Steel	Teflon filled 304 SS spiral wound	Petrochemicals, Chemicals
16	Stainless Steel 316	Stainless Steel 316	Stainless Steel 316	AlNiCo Enclosed in 316 SS cup	Stainless Steel 316	Teflon	Petrochemicals, Chemicals, Crude Oil

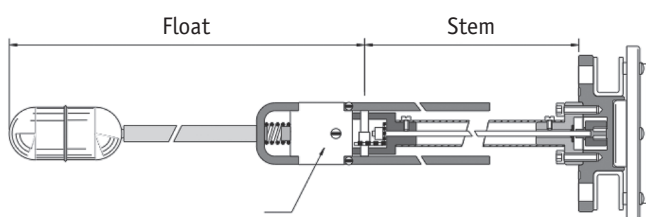
Mounting studs

Head Type	Material	Stud Size	Bolt Circle
contec Standard	Alu. or Edelstahl	1/2"-13UNC or M12	89 mm
ASA 300 Lbs R. F. 3"	Aluminum	M20 (*)	168 mm
DIN DN 80 PN 25	Aluminum	M16 (*)	160 mm

(*) Magnetel supplied with ASA or DIN Head are supplied without gasket and Mounting Studs/Nuts.

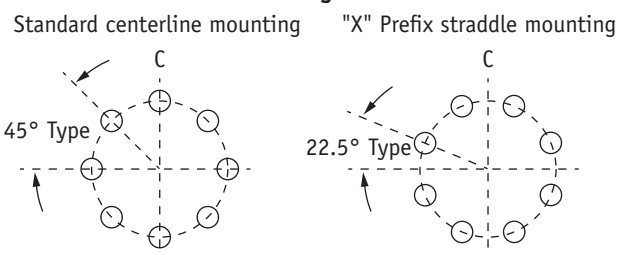
Technical data

Model No.	Mounting	Dial (5 bis 95%)	Material
6339M11	Side, End Angle up to ±45°	100 mm	As per 6300 series trim 11, shock absorber Spring
6342M11		200 mm	631 Stainless Steel
6339M12		100 mm	As per 6300 series trim 12, shock absorber Spring
6342M12		200 mm	631 Stainless Steel
6339M16		100 mm	As per 6300 series trim 16, shock absorber Spring
6342M16		200 mm	631 Stainless Steel



High and low float arm
Stop and shock absorber

Mounting Detail



Eight 9/16" dia holes on a 3-1/2" B.C. for 1/2" studs, see MS-508 for adapter machining specifications.