

# Magnetic, Float Operated Oil Level Gauge 'MFDG'

Simple & reliable gauge for oil level indication in tanks.

## Construction & Operation :

It consists of a float with an extended arm, which moves in a span of 90° in a vertical plane from bottom to top corresponding to tank empty & full condition. The change in liquid level is picked up by the float & transmitted to the pointer, moving on calibrated dial through gear mechanism & set of magnets.

## Specifications :

Enclosure	: Cast Al, IP 66
Measuring Range	: 200 - 1200 in steps of 100mm
Calibrated Dial	: Al x white pdr coated x black graduations /numericals
Ind. Markings	: E, 1/4, 1/2, 3/4 & F
Float	: SS304 or PU x Ø50 mm
Process Flange	: Cast Al x Ø190 x 165 PCD x 6 h - Ø12 mm
Min. Density	: 0.8 g/cm <sup>3</sup>
Max. Temperature:	100°C
Max. Pressure	: 4 Kg/cm <sup>2</sup>
Installation	: Side mounted (at center of tanks)

## Alarm Switches (Optional)

Switch Type	: Micro switch, Monostable
Switch Rating	: 5A, 230VAC x SPDT
No of Contacts	: Two (High & Low)
Cable Gland	: Polyamide x PG 7

## Service :

Transformer oil, Diesel, Fuel Oil

## Model Identification

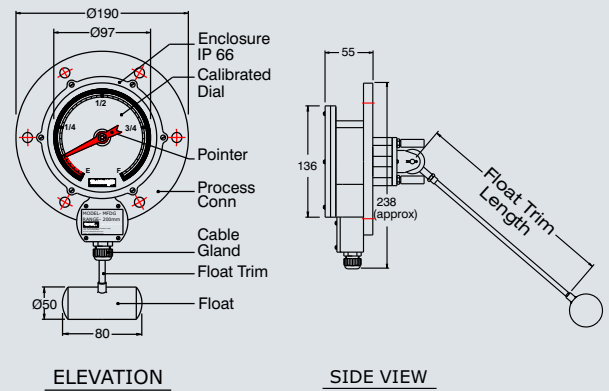
<b>MFDG-</b>	<b>J</b>	<b>O</b>	x Measuring Range
<b>Enclosure</b>			
Cast Al - IP66	J		
Non std.		O	
<b>Output</b>			
Local Indication Only			1
Local Indication & One Switch			2
Local Indication & Two Switches			3

## Ordering Information:

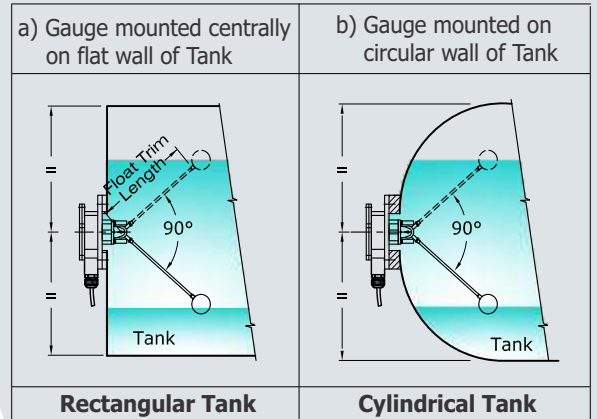
Model No. x Liquid along with its density x Optg. Temp & Pressure



## Schematic diagram



## Installation



Rectangular Tank

Cylindrical Tank

Units in mm