



NRG GLOBAL

Manufacturer of :
Flow, Level, Pressure and
Temperature Instruments

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FLOAT & BOARD LEVEL INDICATOR



INTRODUCTION

“NRG” make Float & Board Level Indicators are designed for an accurate, reliable & trouble free float operated technique used in large non -pressurized storage tanks

DIRECT INDICATION

The Float & Board Level Indicators consists of a float connected to a pointer through a rope via a set of pulleys. The pointer glides over a calibrated gauge board, positioned parallel to the tank. The float accurately follows liquid level variations in vertical direction. The horizontal float movement is as such, the pointer in ‘TOP POSITION’ when tank is ‘EMPTY’ and in ‘BOTTOM POSITION’ when ‘FULL’.

Gauge Classification

Measuring Range	: Up to 25 meters. For more than 25 meters please consult factory.
Float	: P.P/SS304/SS316/SS+PTFE COATED HAVING 10" TO 12"
Calibrated Gauge Board	: 6" wide x Al white powder coating with black graduations & numerical
Least Count	: 10 MM
Maximum Temperature	: 80°C (PP) / 150°C (SS)
Maximum Pressure	: 5 KG/CM2
Float Wire Rope	: Ø2.5mm x SS 316 / SS 304 (multistring) / Ø6mm x PP (multistring)
Installation	: Grounded Level Tank / Underground Tank (sump) / Overhead Tank
Specific Gravity of Fluid	: 0.75 TO 2.0
Connecting Pipe	: Carbon Steel Powder Coated

Local Indication

Direct : Powder coated Red CI pointer with Nylon Rollers to provide super smooth movement along gauge board. Pointer Tip indicates 'Level'.

Pulley Assemblies : Cadmium Plated Steel Pulley with PTFE bush and SS shaft housed in weather proof CI enclosure.(2 NOS)

Protection Conduit

Horizontal Limb	: MS pipe 25NB x 400mm to 800mm (adjustable)
Vertical Limb	: MS pipe 25NB x 195mm & 100mm long
Process Connections	: 1" 150#

Note : Custom made assemblies can be provided for specific applications