Mechanical Dial

Level Indicator

MLI

BONT®

Bont Technologies GmbH

Feature & Function

This level indicator is assembling for indicating the water level such as Reservoir, Suction Tank, Water Tank, Diesel Tank and etc.

The scale and range is selectable and customize to the customer need. The material of housing is in mild steel and coated either by hot-dipped galvanize or epoxy coating

Specification
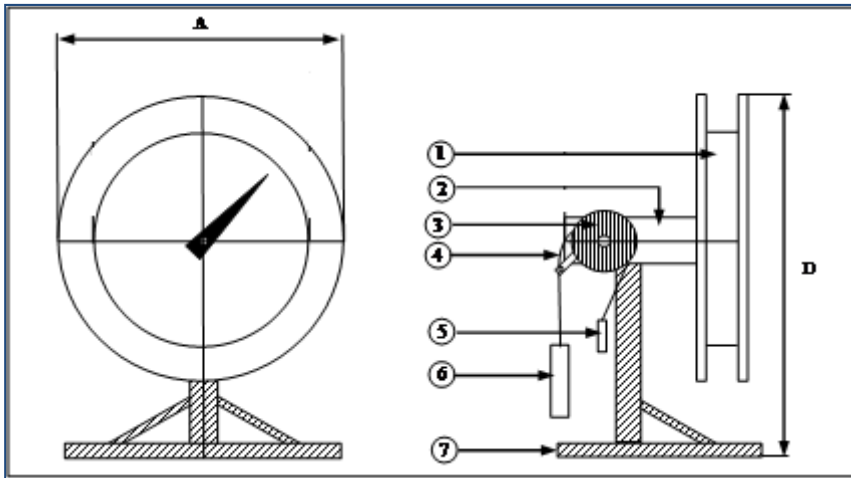
Dial Size   : 300mm, 400mm, 600mm and 900mm
Indication Unit   : Meters or feet
Accuracy   : 1% of full scale
Zero Stability   : +/- 0.5% of full scale
Repeatability   : +/- 0.5% of full scale
Working Temp   : Up to 80 ˚C
Relative Humidity   : 90% RH
Optional   : Back Cover
Level Range   : 0 ~ 3, 0 ~ 4, 0 ~ 5, 0 ~ 6, 0 ~ 8, 0 ~ 10, 0 ~ 15, 0 ~ 20 & 0 ~ 30 meter

Application

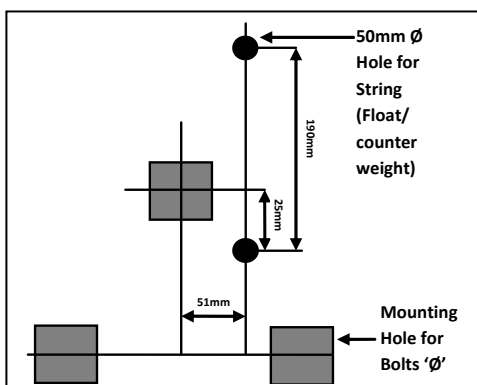Suitable for water and others non-aggressive fluids

Dimension

Dial Size	A	D
300 mm	400	470
400 mm	500	622
600 mm	700	857
900 mm	1000	1168

Material

No	Parts	Material
1.	Casing	Mild steel with epoxy coating/hot-dipped galvanize
2.	Gear	Brass or stainless steel
3.	Pulley	Aluminium
4.	String	Nylon or stainless steel coated
5.	Counterweight	Brass, stainless steel or cement
6.	Float	PVC or stainless steel
7.	Bracket	Mild steel with epoxy coating/hot-dipped galvanize

Drawing

50mm Ø Hole for String (Float/counter weight)

190mm

25mm

51mm

Mounting Hole for Bolts 'Ø'

Reflective Text

Ordering Code

LI-   **Mechanical Level Indicator**

Diameter Size & Body Coating

E12   12" (300mm)-Mild Steel with Epoxy coating
E16   16" (400mm)-Mild Steel with Epoxy coating
E24   24" (600mm)-Mild Steel with Epoxy coating
E36   36" (900mm)-Mild Steel with Epoxy coating
E48   48" (1200mm)-Mild Steel with Epoxy coating
E60   60" (1500mm)-Mild Steel with Epoxy coating

H12   12" (300mm)-Mild Steel with Hot-dipped Galvanize
H16   16" (400mm)-Mild Steel with Hot-dipped Galvanize
H24   24" (600mm)-Mild Steel with Hot-dipped Galvanize
H36   36" (900mm)-Mild Steel with Hot-dipped Galvanize
H48   48" (1200mm)-Mild Steel with Hot-dipped Galvanize
H60   60" (1500mm)-Mild Steel with Hot-dipped Galvanize

Range

M10   0-10 meter (standard)
MXX   Others (Example: M06 is 0-6 meter range)
                 Range Available : 0 ~ 3, 0 ~ 4, 0 ~ 5, 0 ~ 6, 0 ~ 8, 0 ~ 10, 0 ~ 15,
                 0 ~ 20 and 0 ~ 30 meter
FXX   Range in feet (Example: F20 is 0-20 feet range)

Name Plate

12   12" (300mm)-Reflex Text Name Plate
16   16" (400mm)-Reflex Text Name Plate
24   24" (600mm)-Reflex Text Name Plate
36   36" (900mm)-Reflex Text Name Plate
48   48" (1200mm)-Reflex Text Name Plate
60   60" (1500mm)-Reflex Text Name Plate

Float

P   PVC Float (Standard)
S   Stainless steel Float, SS316

Rope

R   S/S Rope With Nylon Coated - 10meter/roll (Sell according to the range)
N   Nylon rope, 10 meter/roll (sell according to the range required)

Weight

1   Brass Weight (Standard)

2   Cement Weight

3   Stainless Steel Weight

Back Cover

B   Back cover (Standard) [4" from bottom dail to stand bracket]

0   Without back cover

Stand

T   Stand (Standard) [4" from bottom dail to stand bracket]

XX   Additional Stand- per inch (Example: S06 is additional 6")

Gear + Shaft

X   Brass Material (Standard)

Y   Stainless steel Material

Loop Transmit Signal

L   4-20mA Loop Signal (24VDC)

Standard model . *LI-H24M1024PR1BTX0 (24''Dial, Hot Dipped, 10meter, Reflex Text Name plate, PVC Float, Rope, Brass Weight, Back Cover, Stand, Gear)*

Distributor:

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