



## LS FLOAT OPERATED MECHANICAL LEVEL INDICATOR

### INTRODUCTION

TRENT LS float operated mechanical level indicators are flexible and low cost mechanical instruments that are easy to maintain and at the same time able to provide accurate level indication practically for any water depth. The instrument consists of a robust weatherproof casing suitable for outdoor mounting and utilises a float and a counter weight to detect the level measured.

### APPLICATION

TRENT LS float operated mechanical level indicators are suitable for mounting on top of reservoirs, channels, pump sumps, water tank, sewage pond etc. for the local indication of water levels. The large diameter dials, together with its contrasting level markings, enable the indicators to be viewed from a far distance.

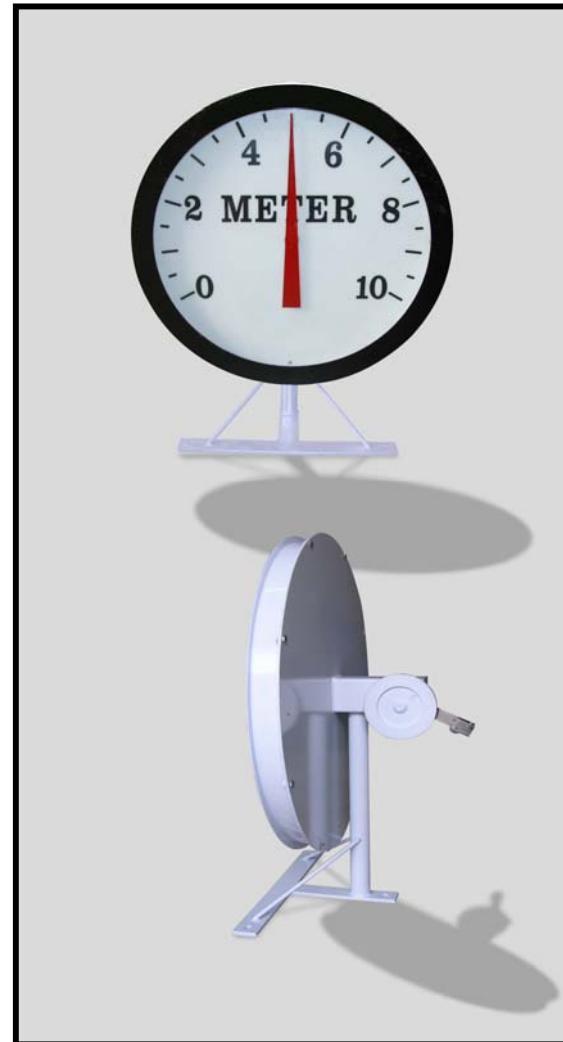
### FEATURES

TRENT LS float operated mechanical level indicators are fabricated from mild steel with Hot dipped galvanized coatings. All internal parts are made from non-corrosive materials for optimum weather resistance.

Indicator dial size:  
400mm, 600mm and 900mm or  
16inch, 24 inch and 36 inch. diameter

### **Mounting:**

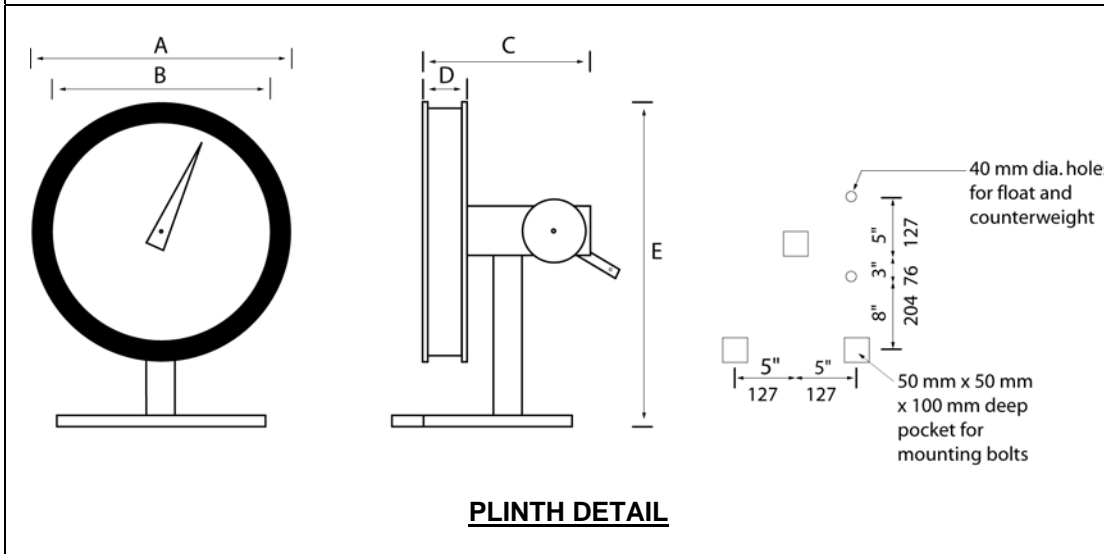
Due to its nature of design, TRENT LS float operated mechanical level indicators are only suitable for mounting on top of storage tank or above the water levels to be measured. However, the large dials enable the level indications to be viewed from far away.



### **Casing:**

TRENT LS float operated mechanical level indicators are constructed from robust materials and the casings are Hot Dipped galvanized for maximum weather resistance. Optional Pulley covers are available for the protection of the sensing chords.

LS FLOAT OPERATED MECHANICAL LEVEL INDICATOR – DIMENSION										
Case	A		B		C		D		E	
	in.	Mm	in.	mm	in.	mm	in.	mm	in.	mm
16"	20		16		9		2		20	
400		500		400		230		50		500
24"	28		24		9		2		28	
600		700		600		230		50		700
36"	40		36		9		2		40	
900		1000		900		230		50		1000



## **SPECIFICATIONS**

Level range : 0-3 m, 0-4 m, 0-6 m, 0-10m, 0-10 feet, 0-12 feet, 0-20 feet, 0-30 feet,

Working temperature : 50°F to 160°F.(10°C to 70°C).

Relative humidity : 90% RH

Accuracy : ± 5%.

Materials of construction:

Casing : Mild steel coated with corrosion resistant paint.

Gears : Plastic, bronze or stainless steel.

Chord : Nylon or stainless steel.

Float : PVC or stainless steel.

Counterweight: Brass or stainless steel

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Manufactured by :

**Hydro-Trent Automation Sdn Bhd** (Company No 475419-P)

No 23, Jalan TIB 1/9, Taman Industri Bolton,  
68100 Batu Caves, Selangor, Malaysia.