



# Medium and Heavy Duty Spiral Gauge 8680 Series

## Application

The COLM (COntec Level Measurement) 8680 Series spiral gauges are designed for use in measuring liquid levels in hydraulic, lubricating or fuel-oil storage tanks, gasoline, diesel fuel levels in stationary, standby or mobile generators.



8680-1

8680-2

## General Specifications

**Mounting:** Designed for top-mounting only  
**Repeatability:** Repeatability depends on proper gauge sizing & tank configuration. Normally, standard dials are  $\pm 7\%$   
**Temperature:** Standard  $-45\text{ }^{\circ}\text{C}$  to  $+85\text{ }^{\circ}\text{C}$   
**Tank Pressure:** 0 to 1.7 Bar max.

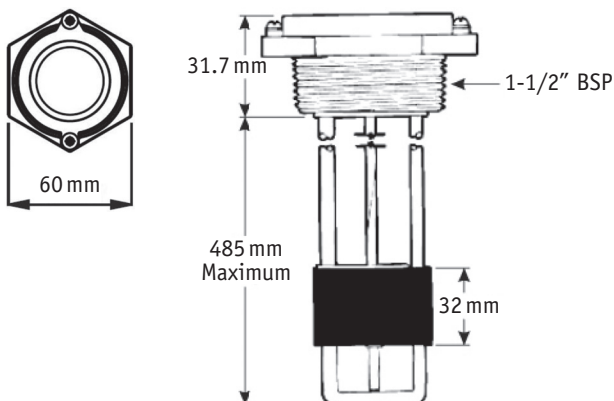
## Materials of Construction

**Head:** Die-cast Zinc  
**Guide Rod:** Stainless steel  
**Centershaf:** Brass (8680-2), Stainless Steel (8680-1)  
**Float:** Nitril rubber  
**Drive Magnet:** Plastiform  
**Dial:** Polycarbonate crystal, hermetically sealed  
**Bearings:** Ertacetal (8680-2), Acetal (8680-1)

## Technical data

Model	Tank Connection	Max. Tank Pressure [bar]	Max. Tank depth [mm]	Option
8680-1	1-1/2" BSP	1.7	500	Side reading dial
8680-2	1-1/2" NPT	1.7	1,200	

8680-1



8680-2

