



# 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

<b>Mounting:</b>	Designed for top-mounting only
<b>Repeatability:</b>	Repeatability depends on proper gauge sizing & tank configuration. Normally, standard dials are $\pm 7\%$
<b>Temperature</b>	Standard operating range -45 °C to +85 °C
<b>Tank Pressure:</b>	0 to 1.7 Bar max.

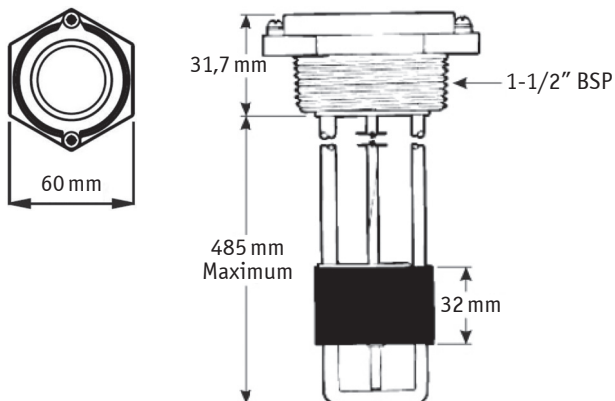
## Materials of Construction

<b>Head:</b>	Die-cast Zinc
<b>Guide Rod:</b>	Stainless steel
<b>Centershaft:</b>	Brass (8680-2), Stainless Steel (8680-1)
<b>Float:</b>	Nitril rubber
<b>Drive Magnet:</b>	Plastiform
<b>Dial:</b>	Polycarbonate crystal, hermetically sealed
<b>Bearings:</b>	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

