

# Versatile, robust liquid level measurement

- Compatible with water, saline, fuels, oils & chemicals
- Stainless Steel construction
- No moving parts for high reliability
- Bolt or thread mounting
- Accuracy +/-2% FSD
- Factory calibrated



## GENERAL SPECIFICATION

<b>Accuracy</b>	±2% FSD @ 20°C
<b>Linearity</b>	±2% FSD @ 20°C
<b>Operating Temperature</b>	-40°C to +125°C
<b>Humidity</b>	93% RH @ 40°C
<b>Pressure</b>	10 Bar (Differential and Absolute)
<b>Compatible Media</b>	Fresh water, Saltwater, Ethylene Glycol, Gasoline, Unleaded, LRP, Diesel Please consult Gill for other liquids.
<b>Seal Materials</b>	Fluorosilicone O-rings Klingersil gasket
<b>Ingress Protection</b>	IP66, IP68
<b>EMC</b>	EN 610000, EN 61326, EN 60945

## OUTPUTS

<b>Voltage (factory setting)</b>	0.25V - 4.75V
<b>Maximum Voltage Range</b>	0.25V - 10.0V
<b>Current</b>	4-20mA
<b>Switch</b>	Open collector output 50V / 1A max Switch to ground

## ELECTRICAL

	Voltage	4-20mA
<b>Supply Voltage</b>	+5 to +32VDC	+9 to +32 VDC
<b>Over Voltage Protection</b>	>32 VDC	>32 VDC
<b>Supply Current @ 12 VDC</b>	<15mA	<15mA
<b>Reverse Polarity Protection</b>	to -32 VDC	to -32 VDC
<b>Resolution</b>	10 Bit	10 Bit
<b>Report Rate</b>	10 Hz	10 Hz
<b>Sensor Configuration</b>	Accessible via USB	Accessible via USB

## MECHANICAL

<b>Construction Materials</b>	Stainless Steel 316, FEP, PEI
<b>Probe Length</b>	100mm to 2000mm (in standard increments)
<b>Mounting Options</b>	SAE 5-bolt, 1.125" UNF or 1.25" BSP threaded
<b>Weight</b>	From 300g (dependant on length)
<b>Cable</b>	20 AWG Type 44, DR25
<b>Cable Tail Length</b>	1000mm

## ORDERING INFORMATION

**Length Range (mm):**  
 1 = 100 - 500 (Increments of 25mm)  
 2 = 550 - 1000 (Increments of 50mm)  
 3 = 1100 - 1500 (Increments of 100mm)  
 4 = 1600 - 2000 (Increments of 100mm)

**Output Type:**  
 K = Voltage (0-10V)  
 L = Current (4-20mA)

**Mountings:**  
 A = 5 bolt SAE & 1.25" BSP thread  
 B = 5 bolt SAE & 1.125" UNF thread

**Exact Length (mm):**  
 7010 - 00 -    -

> More information at [gillsc.com](http://gillsc.com)

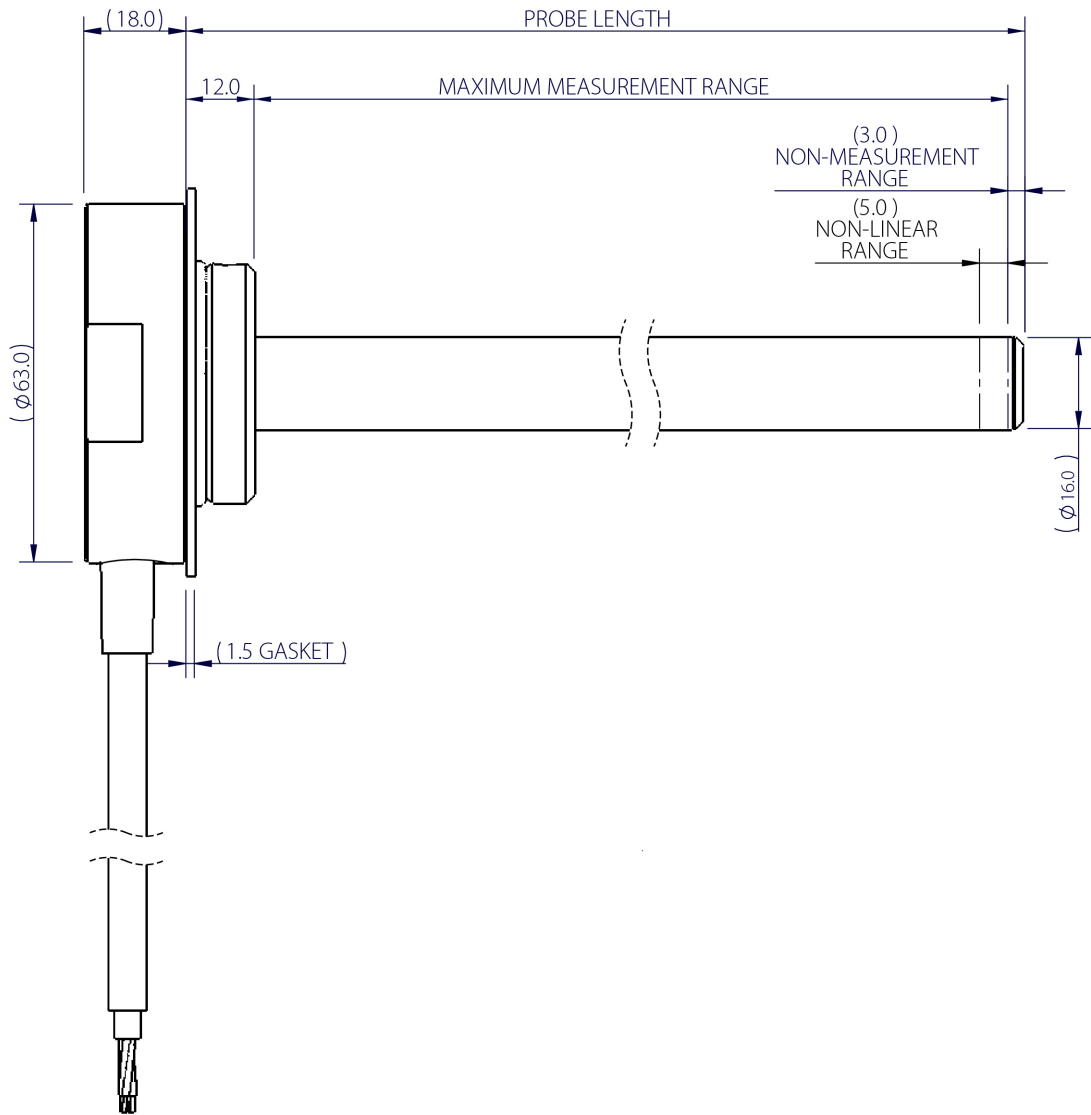
E support@gillsc.com

T +44 (0)1590 613900



Sensors & Controls

**DIMENSIONS**



**WIRING DESIGNATION**

<span style="color: red;">■</span> Red	+V
<span style="color: black;">■</span> Black	-V (Ground)
<span style="color: orange;">■</span> Orange	Primary Output
<span style="color: yellow;">■</span> Yellow	Secondary Output
<span style="color: green;">■</span> Green	Rx
<span style="color: white;">■</span> White	Tx
<span style="color: grey;">■</span> Silver	Drain wire

**USB - RS232 ADAPTOR (Part number 1484-00-086)**

USB - RS232 Adaptor		Sensor	
<span style="color: red;">■</span> Red		<span style="color: red;">■</span> Red	
<span style="color: black;">■</span> Black		<span style="color: black;">■</span> Black	
<span style="color: yellow;">■</span> Yellow		<span style="color: white;">■</span> White	
<span style="color: orange;">■</span> Orange		<span style="color: green;">■</span> Green	