

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

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

OUTPUTS

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

MECHANICAL

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

ELECTRICAL

	Voltage	4-20mA
Supply Voltage	+5 to +32VDC	+9 to +32 VDC
Over Voltage Protection	>32 VDC	>32 VDC
Supply Current @ 12 VDC	<15mA	<40mA
Reverse Polarity Protection	to -32 VDC	to -32 VDC
Resolution	10 Bit	10 Bit
Report Rate	100 Hz	100 Hz
Sensor Configuration	Accessible via USB	Accessible via USB

ENVIRONMENTAL

Ingress Protection	IP66, IP68
Thermal Shock	EN60945
Operating Temperature	-40°C to +125°C (cable rated to +75°C)
Humidity	93% RH at 40°C EN60945
Corrosion resistance	Stainless steel 316 construction
Vibration	EN60945
Pressure	10 Bar (differential & absolute)
Seal Material	Nitrile (O-ring & Gasket)
EMC	EN60945

> More information at gillsc.com

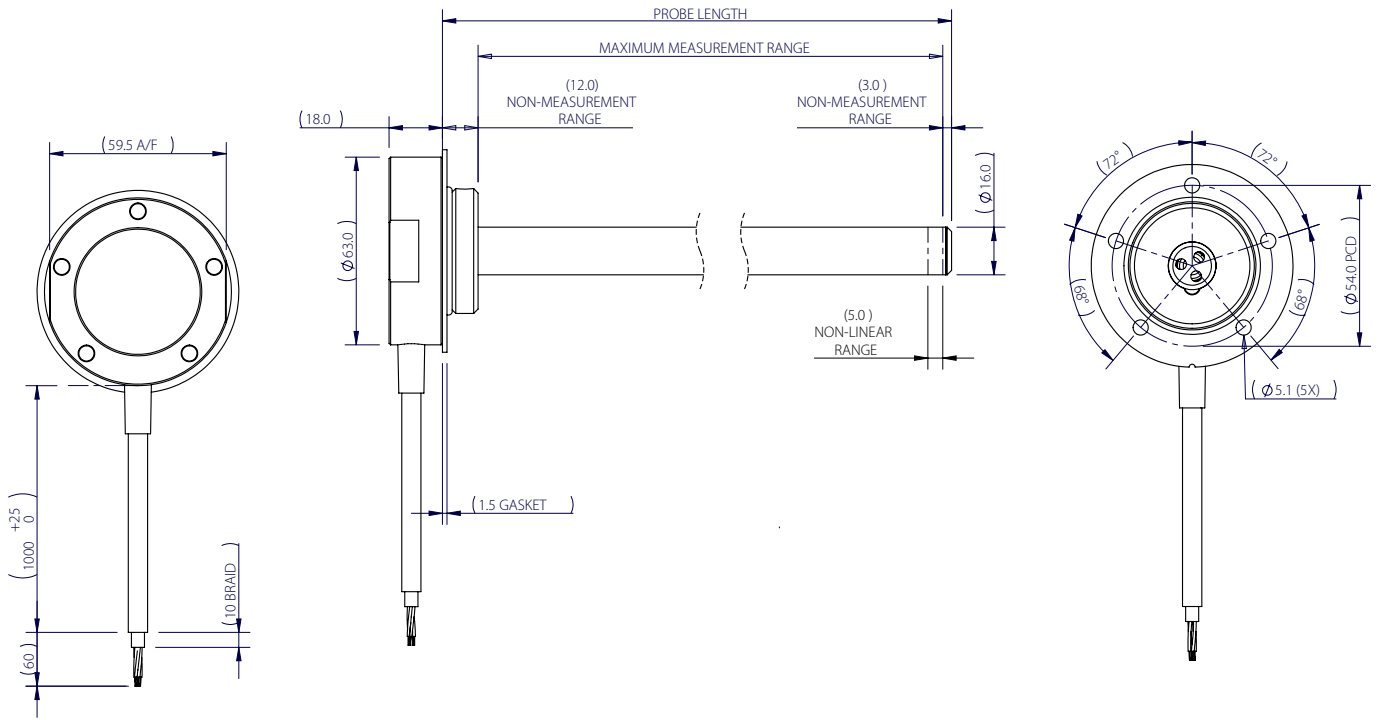
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GILL

Sensors & Controls

DIMENSIONS



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

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Exact Length (mm):

WIRING DESIGNATION

	Red	+V
	Black	-V (Ground)
	Orange	Primary Output
	Yellow	Secondary Output
	Green	Rx
	White	Tx
	Silver	Drain wire

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

USB - RS232 Adaptor		Sensor	
	Red		Red
	Black		Black
	Yellow		White
	Orange		Green