

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 Klingsil 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

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	<15mA
Reverse Polarity Protection	to -32 VDC	to -32 VDC
Resolution	10 Bit	10 Bit
Report Rate	10 Hz	10 Hz
Sensor Configuration	Accessible via USB	Accessible via USB

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

ORDERING INFORMATION

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

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> More information at gillsc.com

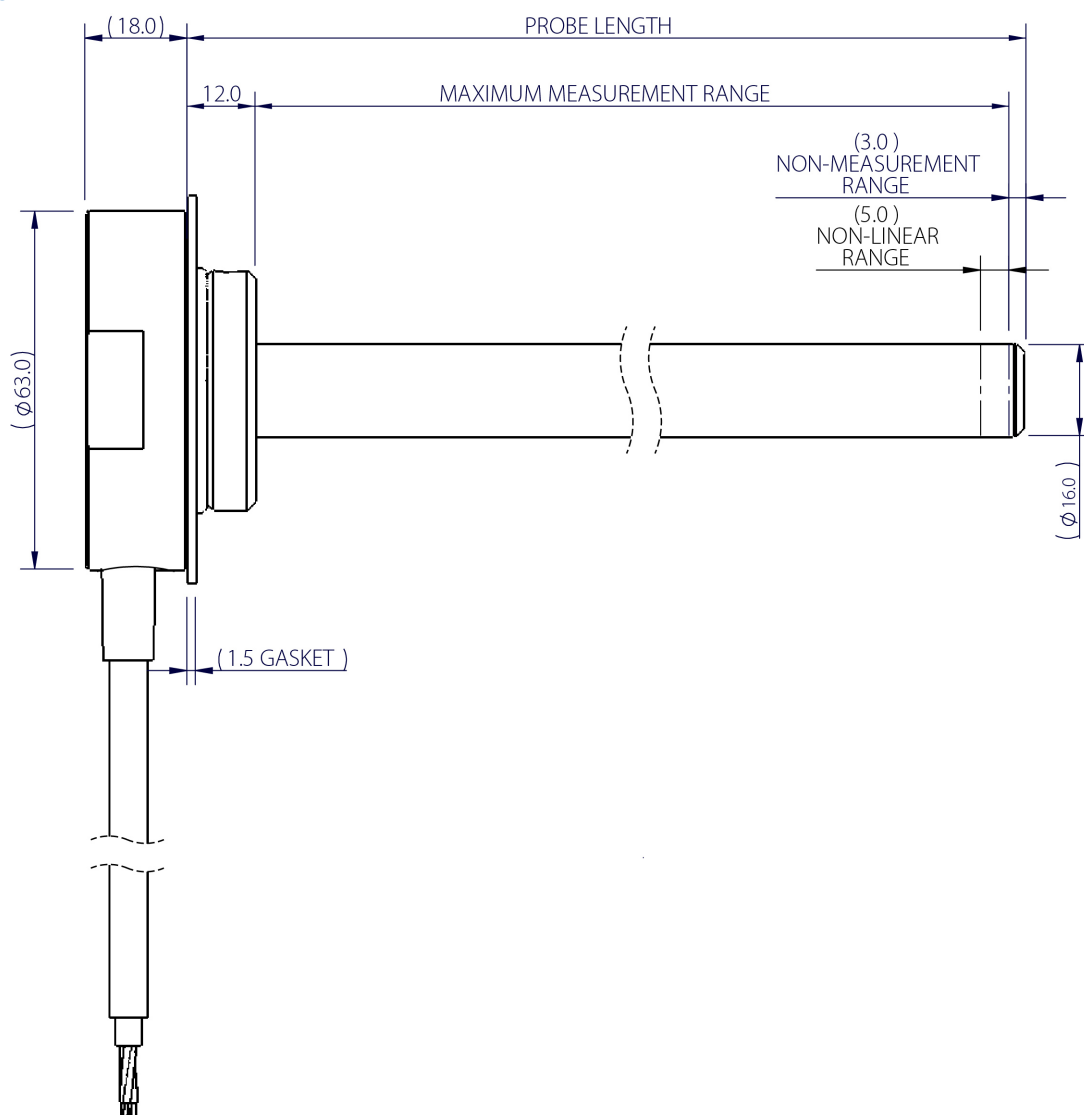
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GILL

Sensors & Controls

DIMENSIONS



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