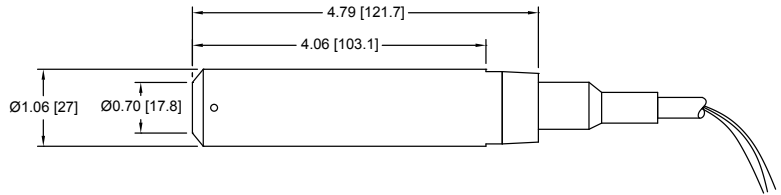


MODEL 1112/1113
SUBMERSIBLE LEVEL TRANSMITTER
WITH SLUDGE NOSE



STANDARD WIRING

WIRE	MODEL 1113
RED	+EXC/SIG
YEL	-EXC/SIG
DRAIN	CASE GND



**REF DIMENSIONS ONLY.
CONSULT FACTORY FOR ACTUAL DIMENSIONS.**

PRODUCT OVERVIEW:

The Model 1112/1113 from GP:50 is a family of submersible level transmitters, designed to provide high-accuracy measurements at a competitive price point. They are offered with an all stainless steel sensor with removeable sludge nose which allows for periodic maintenance and cleaning for extended corrosion-free service life.

FEATURES:

- Removeable stainless steel sludge nose
- Submersible to 650 ftwc (200 mwc)
- 1.06" (27 mm) diameter
- Up to ± 0.1 % FSO accuracy
- All stainless steel construction
- 0-5Vdc and 4-20mA output
- CE Directives: EMC, PED, ROHS

APPLICATIONS:

- Wet wells, ponds, rivers and tank level measurements
- Water and waste water treatment
- Ground water monitoring
- Irrigation

OPTIONS:

- 0-5, 0-10, and 1-5Vdc output
- Additional cable lengths available
- Optional tantalum sensor
- Stand-off PVC nose cone

GP:50 MODEL 1112/1113

REFERENCE SPECIFICATIONS

(Standard configurations shown, consult factory for other options)

ELECTRICAL	
Output Signal:	(1112) 0 to 5 Vdc (1113) 4-20 mA
Excitation Voltage:	12 to 36 Vdc
Circuit Protection:	Lightning and surge protection
Response Time:	<5 ms

MATERIALS OF CONSTRUCTION	
Housing:	304 SS
Sensor Diaphragm:	316L, tantalum optional

ACCURACY (BFSL): Hysteresis, non-Linearity & Repeatability @ +70 °F	
Standard:	±0.5% FSO
Improved:	±0.2% FSO and ±0.1% FSO

MECHANICAL	
Process Connection:	Stainless steel bullet nose (via M22x1 Female thread)
Electrical Connection:	40 ft Polyurethane jacketed cable with integrated vent tube and hydrophobic filter Teflon cable optional
Proof Pressure:	2X FSO
Burst Pressure:	3X FSO
Weight:	> 1.5 lb (680 g)
Diameter:	1.06" (27 mm)

PRESSURE RANGES	
0 to 1.4 PSI thru 0 to 285 PSI (100 mBAR thru 20 BAR)	
0 to 40" wc thru 0 to 650 ftwc (1 mwc thru 200 mwc)	

THERMAL SPECIFICATIONS	
Operating Temperature:	-40 °F to +185 °F (-40 °C to +85 °C)
Compensated:	32 °F to +168 °F (0 °C to +70 °C)
Storage:	-40 °F to +212 °F (-40 °C to +100 °C)
Effect on Zero:	<± 1.38% FSO/100 °F (<±2.5% FSO/100 °C)
Effect on Span:	<± 1.1% FSO/100 °F (<±2.0% FSO/100 °C)

GP:50

WASTE WATER SUBMERSIBLES

