

# Hydrostatic Level Sensor

- Good for most liquids
- Calibration from 1.5 to 15 psig
- Optional LCD visual display
- Anti-corrosive SS 304
- High insulation resistance
- 4...20mA or 0...10VDC output signal
- Polyurethane cable with atmospheric pressure reference vent tube



## About

The P40 is designed to accommodate a wide variety of liquid media types. Available with or without a local visual display, the P40 can accurately monitor liquid depths from 3 to 33 feet. Particularly well suited for OEM volume requirements

## Applications

- ✓ Waste water / sewage
- ✓ Skid packages
- ✓ Bore holes
- ✓ Ballast tanks
- ✓ Refrigerants
- ✓ Fuels
- ✓ Sludges and slurries

# Build Your Part Number

## Series P40

Example: P40G1A156T

Series	
P	40

Pressure Reference	
G	Gauge

Configuration - select one; see diagrams page 3	
1	Without visual display
2	With visual LCD display (4...20mA output signal only)

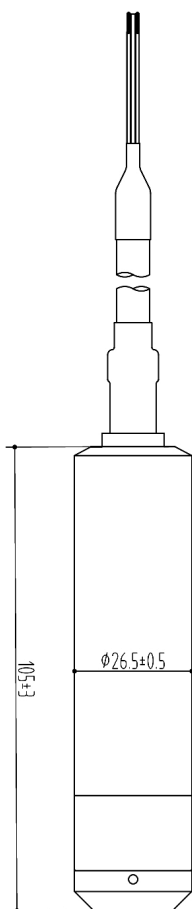
Output Signal - select one		Supply
A	4 ... 20 mA	24 (12 ... 36) VDC
B	0 ... 5 VDC	24 (12 ... 36) VDC
C	0 ... 10 VDC	24 (12 ... 36) VDC
D	0.5 ... 4.5 VDC ratiometric	5 (4.75 ... 5.25) VDC
E	1 ... 5 VDC	24 (12 ... 36) VDC

Pressure Range (psi) - select one	Over Pressure (psi)	Burst Pressure (psi)
15	0 ... 1.5	3.75
16	0 ... 2	5
17	0 ... 2.5	6.25
18	0 ... 5	12.5
19	0 ... 10	25
21	0 ... 15	37.5
XX	Use "XX" for custom ranges (Ex: 0 ... 7 psi) Please inform range below part number	

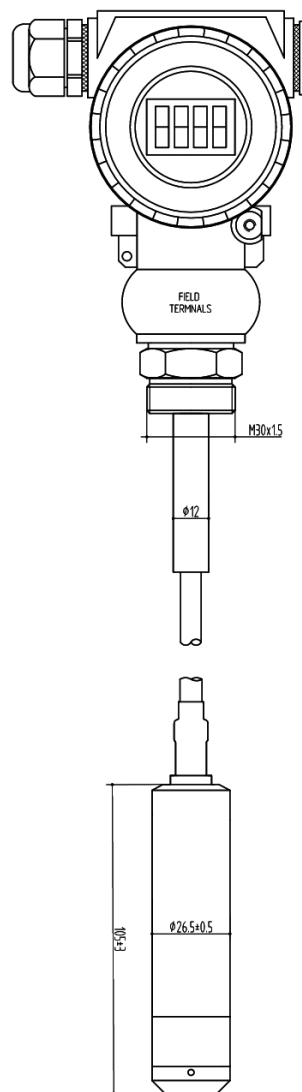
Electrical Connection Cable Length - select one; see diagrams page 7		
6T	1 Meter PUR	(standard color-coding pin-out, see page 6)
6U	2 Meter PUR	(standard color-coding pin-out, see page 6)
6V	3 Meter PUR	(standard color-coding pin-out, see page 6)
7K	4 Meter PUR	(standard color-coding pin-out, see page 6)
6W	5 Meter PUR	(standard color-coding pin-out, see page 6)
7L	7 Meter PUR	(standard color-coding pin-out, see page 6)
YY	Use "YY" for custom cable length (Ex: 0 ... 10 Meter) Please inform length below part number	

# Dimensions & Pin-Out

Option 1  
Without display



Option 2  
With display



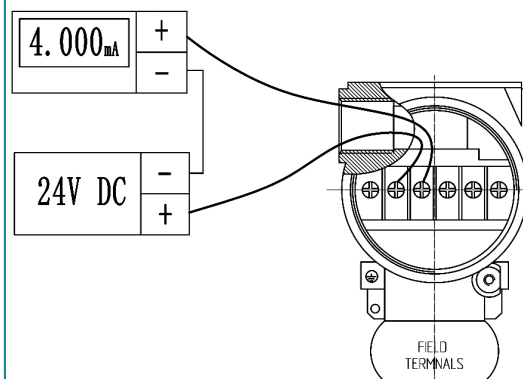
**Milliamp Output**

Red: V+ (supply voltage)  
Green: → (output signal)

**Voltage Output**

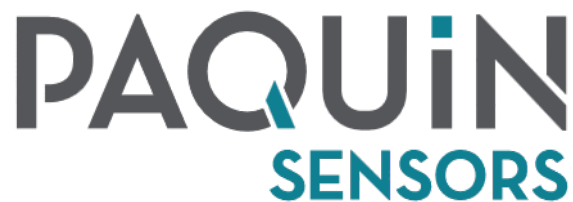
Red: V+ (supply voltage)  
Yellow: → (output signal)  
Green: GRD (common)

**Milliamp Output**



# Technical Parameters

Technical Parameters		
<b>Accuracy</b>	At 77°F	± 0.5% FS typical
	Response time	≤ 1ms (up to 90% FS) for analog; ≤ 100ms (up to 90% FS) for digital
	Temperature Coefficient	Zero point and span ±1.5% FS
<b>Environmental</b>	Media temperature	14 ...+158°F
	Ambient temperature	-4 ...+185°F
	Storage temperature	-40 ...+257°F
	Protection	IP68
	Vibration	20g (20...5000Hz)
	Shock	100g (11ms)
	Long term stability	± 0.2%FS / 1 year
	Insulation resistance	200MΩ / 250VDC
<b>EMC</b>	Immunity	IEC 61000-6-2
	Radiation	IEC 61000-6-3
	Surge	IEC 61000-4-5 level 3
<b>Mechanical</b>	Wetted parts	316L sensor / polyurethane cable
	Weight	Dependent on cable length



*Paquin Sensors' product portfolio is designed to provide options to fit the most diverse range of specifications.*

*We collaborate with our customers to match the best product technologies with your unique application requirements.*

Please [contact us](#) or call +1 (800) 831-8217 anytime to discuss your needs!