

# LevelPro® — ShoPro® Series

## Level Display | Controller

**ICON**<sup>TM</sup> Corrosion-Free  
PROCESS CONTROLS Instrumentation Equipment<sup>TM</sup>



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PROCESS CONTROLS Instrumentation Equipment™



### Features

- ✓ All-in-one | Out of the Box Ready to Use
- ✓ Visual Alarm — High | Low Level
- ✓ 4-20mA Output + Relay Output
- ✓ Power Supply Output 24V DC
- ✓ New Easy-Learn® Programming
- ✓ NEMA 4X Enclosure
- ✓ Corrosion Resistant Thermoplastic
- ✓ Cord Grips Included – No Tools Required

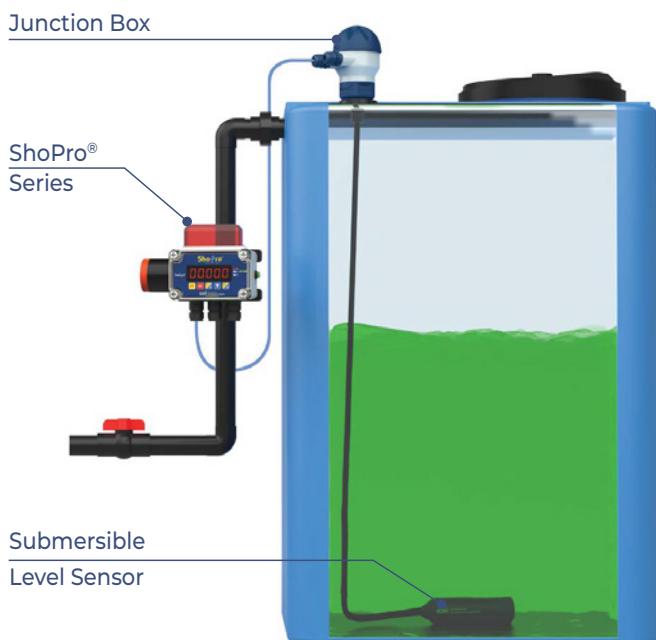
### All-in-One Display & Controller

The ShoPro® Series Level Display | Controller is the industry's most rugged and reliable wall-mount remote display.

The ShoPro® comes as a complete all-in-one unit, out of the box it is ready to use. Included is a bright LED display, NEMA 4X enclosure, Polycarbonate faceplate, cord grips and plastic captive screws.

The industrial design ensures that it will withstand the industry's most corrosive environments. Available with two 5A relays + 4-20mA output.

### Working Principle



### Fill Pipe Clamp — No Drilling



Shown with  
optional audible  
and visual alarms



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### Technical Specifications

#### General

Display	LED   5 x 13mm High   Red
Displayed Values	-19999 ~ 19999
Transmission Parameters	1200...115200 bit/s, 8N1 / 8N2
Stability	50 ppm   °C
Housing Material	Polycarbonate
Protection Class	NEMA 4X   IP67

#### Input Signal | Supply

Standard	Current: 4-20mA
Voltage	85 - 260V AC/DC   16 - 35V AC, 19 - 50V DC*

#### Output Signal | Supply

Standard	2 x Relays (5A) + 4-20mA
Voltage	24VDC
Passive Current Output *	4-20mA   (Operating Range Max. 2.8 - 24mA)

#### Performance

Accuracy	0.1% @ 25°C One Digit
Accuracy According to IEC 60770 - Limit Point Adjustment   Non-Linearity   Hysteresis   Repeatability	

#### Temperatures

Operating Temperatures	-20 to 158°F   -29 to 70°C
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\*Optional

### Model Selection

ShoPro® SP100 — Liquid Level LED Display		
Part Number	Input	Output
SP100	4-20mA	4-20mA
SP100-A	4-20mA	2 Relay + 4-20mA + Audible
SP100-V	4-20mA	2 Relay + 4-20mA + Visual
SP100-A-V	4-20mA	2 Relay + 4-20mA + Audible & Visual



Shown with optional audible and visual alarms.