DATA SHEET

Please call:

BURT PROCESS EQUIPMENT

800-577-8111 for SALES and SUPPORT.

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BURT | PROCESS EQUIPMENT
Partners In Global Water Quality

ICON
PROCESS CONTROLS
Corrosion-Free
Instrumentation Equipment™

LevelPro® — ShoPro® Series
Level Display | Controller

ICON PROCESS CONTROLS™
Corrosion-Free Instrumentation Equipment™

NEMA 4X Polycarbonate Enclosure

ShoPro®

SP100

AL

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Level pro®

ICON Corrosion-Free Instrumentation Equipment
www.iconprocon.com

Wall Mount Brackets

Push Button Easy-Learn® Programming

(cable grips included)

SimplConnect™ Cable Grip Connectors

Features

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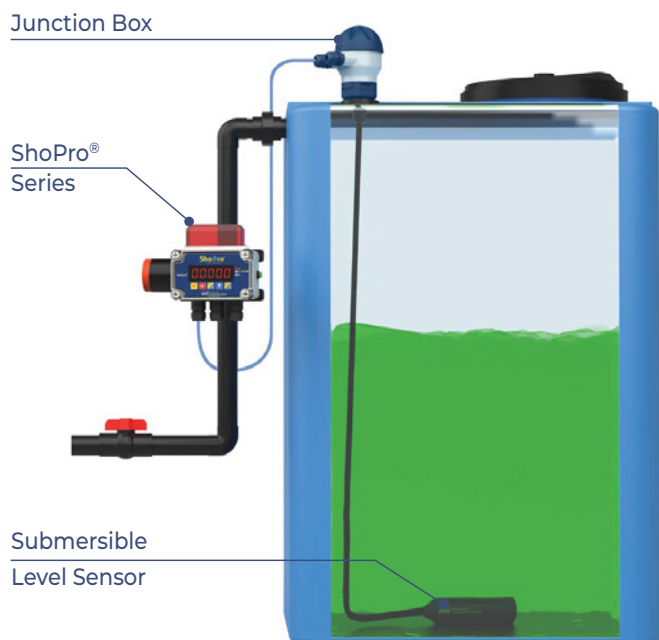- ⊘ Cord Grips Included – No Tools Required

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.

Working Principle

Junction Box

ShoPro® Series

Submersible Level Sensor

Fill Pipe Clamp — No Drilling

Shown with optional audible and visual alarms

ABS   PC   RoHS Compliant   CE

ICON PROCESS CONTROLS

Corrosion-Free
Instrumentation Equipment™

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	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

*Optional

Model Selection

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

Shown with optional audible and visual alarms.