

LevelPro® — ShoPro® Series

Level Display | Controller

ICON™ Corrosion-Free
PROCESS CONTROLS Instrumentation Equipment™



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- ✓ 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® 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



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

*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.

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