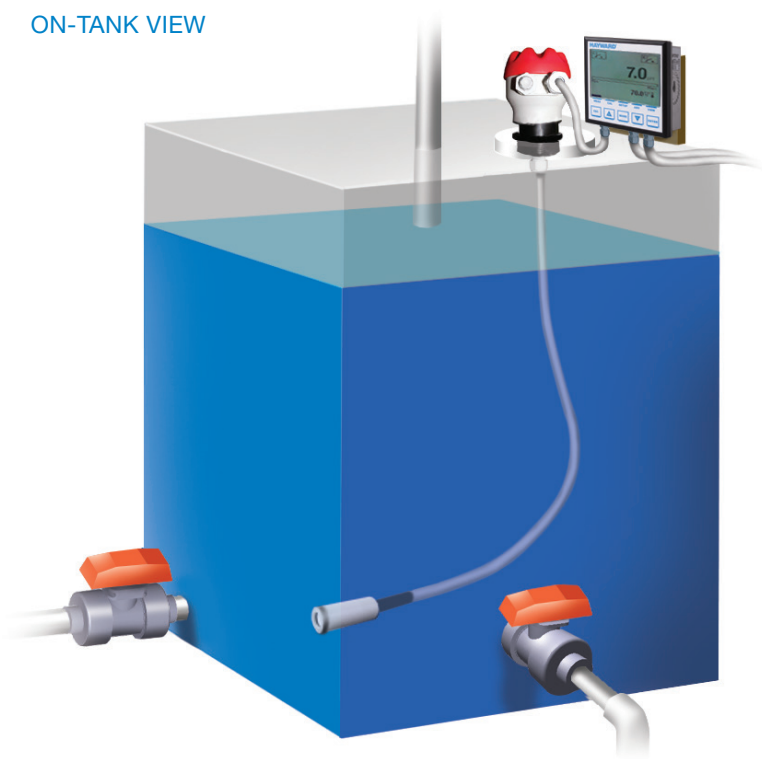




ON-TANK VIEW



HLST200 SERIES

INDICATING LEVEL TRANSMITTER

The HLST200 Series Indicating Level Transmitter offers advanced level and temperature reading indication and transmission. The multicolor, configurable LCD graphical display provides easy viewing of process variables. Built-in relays, open collectors, analog outputs and serial output allow a wide range of communications and control options.

KEY FEATURES & BENEFITS

- Indicate liquid level in inches, feet or meters
- Temperature indication and transmission included
- Highly accurate, $\pm 0.2\%$
- Rugged industrial design
- Dual channel: 4-20 mA and PT100/PT1000 RTD inputs
- Configurable LCD graphical display, changes colors to indicate alarm conditions
- $\frac{1}{4}$ DIN size
- NEMA 4X IP65 protection front panel
- AC and DC power options
- Removable terminal strips
- Powered 4-20mA input loop
- Dual 4-20 mA outputs
- Dual 5A, 250 V programmable relays
- Dual programmable open collector outputs
- RS485 MODBUS option
- Simple, intuitive set-up
- Mounting hardware included
- Hayward 2-year warranty
- Combine with HLS Series Level Sensor for complete system
- NEMA 4X/IP65 pre-wired enclosures available

HLST200 Series

INDICATING LEVEL TRANSMITTER

SPECIFICATIONS

Accuracy	+/- 0.2%
Input 1	Analog: 0-20mA or 4-20 mA, two or three wire
Input 2	PT100 or PT1000 RTD, automatic detection
Level Measurement Range	0-20mA or 4-20mA
Level Resolution	+/- 1 uA
Level Precision	+/- 10uA
Temperature Measurement Range	-58 to 302°F (-50 to 150°C)
Temperature Resolution	0.1°F or C
Temperature Accuracy	PT100: +/- 0.9 °F (+/- 0.5°C) PT1000: +/- 0.4°F (+/- 0.2°C)
Output	Analog: 2 x 4-20mA, assignable to either channel, 800Ω, 3.6 to 22 mA Range
Relay	Two 5A, SPDT 250 V, programmable with delays, PWM
Open Collectors	Two, programmable
Display	128 x 128 pixel LCD display, multiple display options, three colors to indicate alarm conditions
Chassis	¼ DIN, ABS housing, includes cam-loks to secure into enclosure
Power Requirement	100-240/50-60 VAC or 12-32 VDC, selected at time of order
Power Consumption	<5W for 100-240 VAC, <3.5W for 12-32 VDC
Electrical Connections	Rear panel, removable terminals, marked for service
USB	Rear panel connection for software updates
Display Modes	VIEW MEASURE, CALIBRATION MENU, SETUP MENU, ADVANCED MENU, VIEW MENU
Dimensions	Chassis: 92 x 92 x 57.3mm (1/4 DIN Size)
Dimensions	Front bezel: 96 x 96mm
Weight	0.9 lbs / 0.4 Kg
Front Panel	UV-resistant polycarbonate
Protection	IP65 front, IP20 chassis
Relative Humidity	0-100% condensing
Storage Temperature	-13 to 149°F (-25 to 65°C)
Operating Temperature	4 to 122°F (-10 to 50°C)
Power Supply Fuse	500 mA



Optional NEMA 4X/IP65 Enclosure



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