

NC30 SERIES

Non-Contact Liquid Level | Flow Switch

- ✓ Non-Contact
- ✓ Senses through Wall
- ✓ Relay Output



Technical Specifications

Supply Voltage	6-30VDC	
Supply Current	Output type: PNP Pulse	Max. 0.6 7mA (OFF/ON State)
	Output type: Relay — 2-Wire Switch	Max. 0.6mA (OFF State)
Switched Current (Min / Max)	Output type: PNP Pulse	100mA
	Output type: Relay — 2-Wire Switch	3.3mA 40mA
Remanent Voltage – ON State	Output type: PNP Pulse	1.8 V
	Output type: Relay — 2-Wire Switch	6.0 V
Switching Frequency	Max. 1 Hz	
Max. Thickness of the Vessel Wall	Conductive liquids 0.3" (8 mm)	
Ambient Temperature Range	-4 to 176°F -20 to 80°C	
Temperature Range at the Tube or Vessel Surface	-4 to 194°F -20 to 90°C	
Housing Material	Plastic (PP)	
Protection Class	NEMA 4X IP67	
Cable Connection	PVC	
Weight (Including 2 m Cable)	Approx. 60 g	

Model Selection

NC30 — Liquid Level | Leak Detection

Part Number	Mount	Output	Application
NC30-10-C-S	V	Relay — 2-Wire Switch	V design sensing electrode face for piping and tubing applications.
NC30-10-C-P	V	PNP Pulse	V design sensing electrode face for piping and tubing applications.
NC30-11-C-S	Flat	Relay — 2-Wire Switch	Flat electrode for installation on drums and tanks.
NC30-11-C-P	Flat	PNP Pulse	Flat electrode for installation on drums and tanks.

*M8 Connection (Std) Consult Factory for Flying Lead Cable.

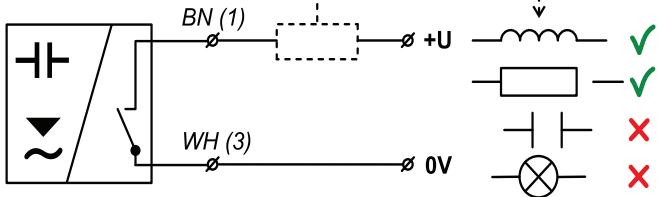


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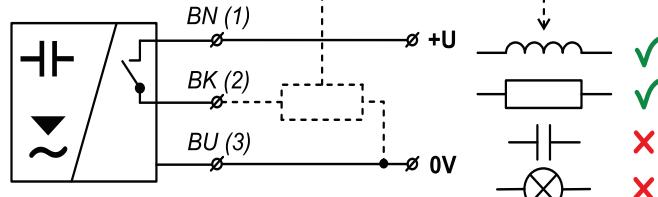
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Electrical Connection

NC30-10



NC30-11



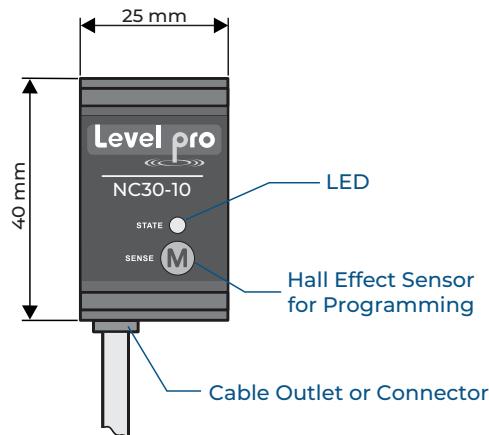
NOTE:

The sensor output is short circuit protected.
Shielded cable is recommended.

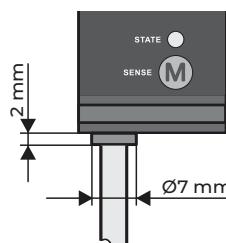
LEGEND:

BN – Brown
WH – White
BU – Blue
BK – Black

Dimension Drawings



Variant "A"
with Cable Outlet



Variant "C"
with Connector

