

LeakPro® — LDS Series

Leak Detection Capacitance Sensor

ICON™ Corrosion-Free
PROCESS CONTROLS Instrumentation Equipment

DATA SHEET



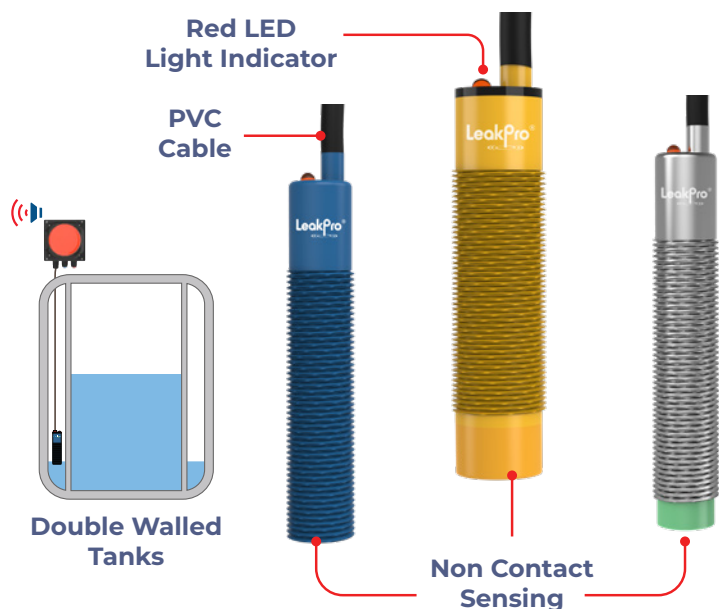
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LeakPro® — LDS Series

Leak Detection Capacitance Sensor



- ✓ Up to 20mm Adjustable Sensing Range
- ✓ Perfect for Double Walled Tanks



Specifications

Output Current	15mA Max
Operating Voltage	9-30VDC
Current Consumption	20mA Max
Response Frequency	100Hz
Output Method	NPN PNP Relay Output NO or NC
Sensing Distance	20mm
Operating Temp.	-13°F – 176°F -25°C – 80°C 35% - 95%RH
Wetted Material	Polypropylene Body PVC Cable
Target	Presence of Liquid

Model Selection

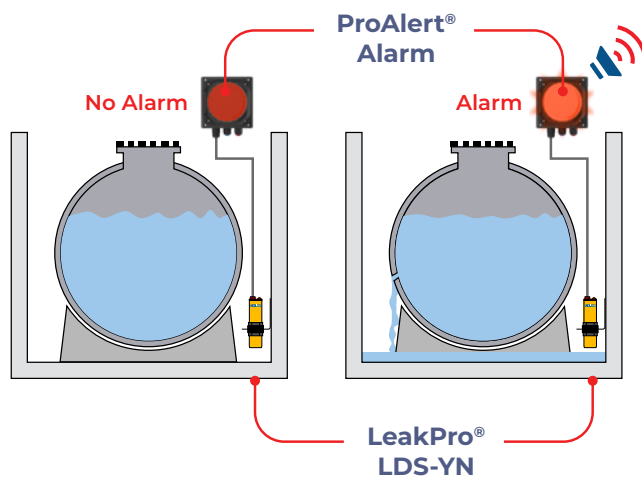
LDS — Leak Detection Sensor Proximity Switch			
Part Number	Material	Connection	Output
LDS-Y-N-08	PP	M18	NPN
LDS-Y-P-08	PP	M18	PNP
LDS-B-N-08	PP	M12	NPN
LDS-B-P-08	PP	M12	PNP
LDS-S-N-08	SS	M12	NPN
LDS-S-P-08	SS	M12	PNP

Add Suffix - 'NC' for Normally Closed Version

Features

- ✓ Indication LED Light
- ✓ Quick Installation | No Calibration
- ✓ Works on All Conductive Liquids/Solids
- ✓ Mates Perfectly With the Audible/Visual Alarm

LeakPro® LDS Industrial Series is an advanced all plastic corrosion resistant leak detection sensor that utilizes ultra-sensitive electrostatic technology which constantly and accurately senses the presence of conductive liquids. These sensors are ideally suited for monitoring the interstitial area between double wall tanks, tank retention dikes, secondary containment sumps, and anywhere process pumps and valves are utilized. The LDS sensor has been engineered to withstand even the most extreme conditions while including features designed to optimize performance and reduce maintenance.



Wiring Schematic

