ISSC

KANSON ELECTRONICS, INC.

INDUSTRIAL SOLID STATE LIQUID LEVEL DETECTOR MODEL LLD-100 MODEL LLP-100

SPECIFICATIONS

CIRCUIT TYPE : Normally Open Solid State Output
OPERATING VOLTAGE : 105-130 VAC 50/60 Hz
MAX. LOAD CURRENT : 12 Amps (continuous)
MAX. INRUSH CURRENT : 50 Amps (one cycle)
MIN. LOAD CURRENT : 100 mA
PROBE INPUT : Open Circuit Voltage 12VDC
Peak Current <1mA max.
TEMPERATURE RANGE : -25˚ to 70˚C (-10° to 155°F)
TERMINATION : 3-Pin Terminal strip

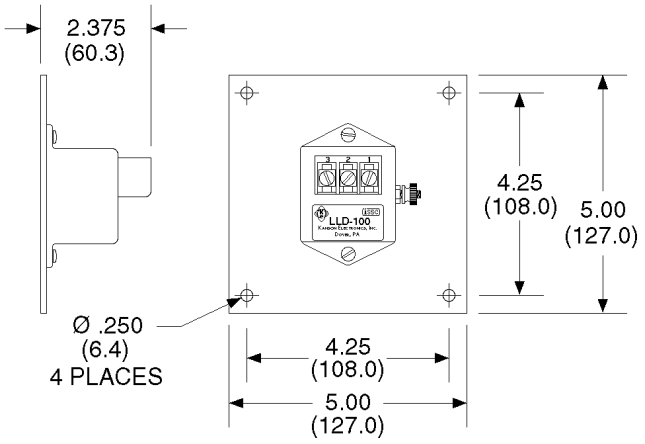
WIRING

TERMINAL 1 : L1 (120 VAC)
TERMINAL 2 : LOAD
TERMINAL 3: L2 (COMMON)

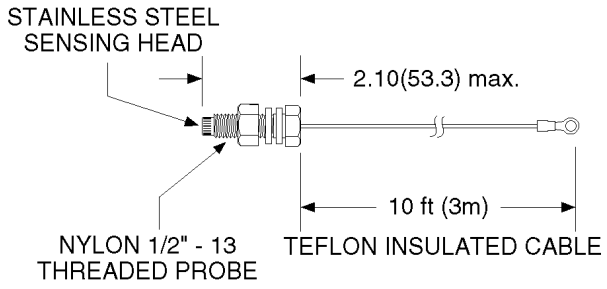
ALUMINUM MOUNTING PLATE AND LIQUID TO BE DETECTED SHOULD BE AT SAME ELECTRICAL POTENTIAL (TYPICALLY EARTH GROUND)

DIMENSIONS Inches (millimeters)

LLD-100 DETECTOR



LLP-100 PROBE





LLD-100



LLP-100

OPERATION

The LLD-100 is a resistance detector optimized to detect any conductive fluid. A typical application is to signal a high water level and activate a pump to lower the water to a safe level. Output is "off" with no conducting path from probe to aluminum mounting plate. Output is "on" when resistance between probe and aluminum mounting plate is $\leq 1M\Omega$.

ORDERING DATA

ORDERING CODES :

LLD - 100 Detector module

LLP - 100 Probe assembly

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