

Addressable Leak Detection Sensor



E-ALDS

- Monitors up to 4,000 feet of E-LDDC-x Liquid Location Detection Sensor Cable.
 - Detects if there is a break in the cable and the specific location of liquid presence.
 - Supports up to 1,000 feet of E-4WNSC-x non-sensing cable.
- Leak location accuracy:
 - 20 to 1,500 feet: $\pm(1ft + 0.5\%$ of sensing cable length).
 - 1,500 to 4,000 feet: $\pm 1\%$ of sensing cable length.
- Built-in Piezo buzzer emits loud beeps to alert personnel.
 - Output level: 70dB at 1 foot
- Max current consumption: 13mA @ 5VDC, 18mA@12VDC
- Powered by E-2D/5D/16D.
- Compatible with E-2D/5D/16D.
 - Interfaces with the E-2D/5D/16D via the RJ45 sensor port
 - Extend up to 500 feet from the E-2D/5D/16D
- M12 4-pin connector for connecting E-LDDC-x Liquid Location Detection Sensor Cable or E-4WNSC-x Non-Sensing Cable
- Dimensions WxDxH: 3.21x2.5x1.22 in (82x64x31 mm)
- Operating temperature: 32 to 158°F (0 to 70°C).
- Regulatory approvals: CE, RoHS
- Integrated mounting brackets for easy surface/wall mounting.
- Use the included terminator at the end of the E-LDDC-x Liquid Location Detection Sensor Cable
 - If the terminator is not used, the system will register a cable break.

Liquid Location Detection Sensor Cable



E-LLDC-xx

- For detecting water presence at a specific location.
- 100% waterproof electronics.
- Detects any conductive liquid.
- Minimum puddle: 0.6" (15 mm) diameter.
- Detects liquid depth >0.1" (2.5 mm).
- M12 4-pin connectors.
- Available lengths: 10/25/50/100 feet and custom lengths up to 4,000 feet.
 - Contact an NTI product consultant for custom cable lengths
- Bend radius: 0.375" (9.53 mm)
- Operating temperature: 32 to 167°F (0 to 75°C).
- Regulatory approvals: CE, RoHS
- MTBF: 10,869,188 hrs
- Compatible with E-ALDS Addressable Leak Detection Sensor.
- Use self-adhesive clips (E-CLPxx-LD) to prevent sensor rope cable from shifting after installation.

Liquid Location Detection Sensor Cable

NTI Part #	Description
E-LLDC-10	Liquid Location Detection Sensor Cable, 10 feet
E-LLDC-25	Liquid Location Detection Sensor Cable, 25 feet
E-LLDC-50	Liquid Location Detection Sensor Cable, 50 feet
E-LLDC-100	Liquid Location Detection Sensor Cable, 100 feet

4-Wire Non-Sensing Cable

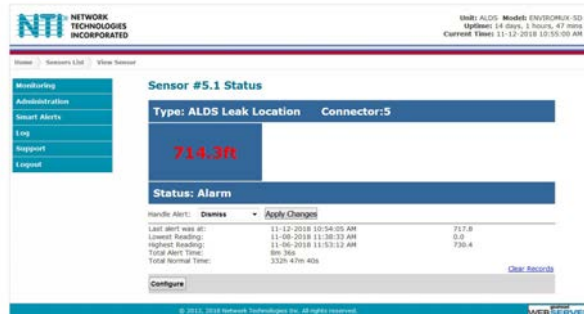


E-4WNSC-xx

- For use in areas where E-LLDS-xx sensing cable is not required.
- Available lengths: 10/25/50/100 feet and custom lengths up to 1,000 feet.
 - Contact an NTI product consultant for custom cable lengths
- M12 4-pin connectors.
- 22 AWG stranded bare copper conductors.
- Color-coded plenum-grade PVC insulation.
- Gray plenum-grade PVC jacket.
- Cable diameter: 0.136 in
- Operating temperature: 14 to 140°F (-10 to 60°C)
- Regulatory approvals: CE, RoHS
- Compatible with E-ALDS Addressable Leak Detection Sensor and E-LLDC-xx Liquid Location Detection Sensor Cables.

4-Wire Non-Sensing Cable	
NTI Part #	Description
E-4WNSC-10	4-Wire Non-Sensing Cable, 10 feet
E-4WNSC-25	4-Wire Non-Sensing Cable, 25 feet
E-4WNSC-50	4-Wire Non-Sensing Cable, 50 feet
E-4WNSC-100	4-Wire Non-Sensing Cable, 100 feet

Configuration and Cable Illustration



Alert in Web Interface

