

NTI e-cd50-5 Chemical Detection Sensor (50ft Chemical Sensor Cable/5ft 2-Wire Cable)

Chemical Detection Sensor (50ft Chemical Sensor Cable/5ft 2-Wire Cable)

Features:

- For detecting the presence of chemical liquid.
 - Reliably senses acids, bases, and other conductive liquids.
- Detects liquid depth >0.1" (2.5 mm).
- Minimum puddle: 0.6" (15 mm) diameter.
- Chemical resistant – cable functions normally after seven-day exposure to:
 - Fresh deionized water
 - Tap water
 - Sulfuric acid, H₂SO₄ (98%)
 - Sulfuric acid, H₂SO₄ (50%)
 - Hydrochloric acid, HCl (37%)
 - Sodium hydroxide, NaOH (10%)
 - Aqua regia, HNO₃+3 HCl
 - Ethylene glycol, C₂H₆O₂ (60% in DI water)
- Voltage and current:
 - Open Circuit: 5VDC max @ 1μA.
 - Closed circuit: <300mV @ 10.7mA.
- Available chemical sensor cable (x) lengths: 1/10/50/100 feet.
 - 100% waterproof
 - Contact an NTI product consultant for cable lengths over 100 feet (30 meters) - supports up to 1,000 feet (305 meters).
- Available 2-wire plenum cable (y) lengths: 5/10/20/50/100 feet.
 - Plenum rating: CL2P (UL)
 - Diameter: 0.25 in (6.35mm)
 - Contact an NTI product consultant for cable lengths over 100 feet (30 meters) – supports up to 1,000 feet (305 meters).
- Regulatory approvals: CE, RoHS
- Use self-adhesive clips (E-CLPxx-LD) to prevent sensor rope cable from shifting after installation.