

# NTI e-cds100-100 Legacy Chemical Detection Sensor (100ft Chemical Sensor Cable/100ft 2-Wire Cable)

Legacy Chemical Detection Sensor (100ft Chemical Sensor Cable/100ft 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,  $H_2SO_4$  (98%)
  - Sulfuric acid,  $H_2SO_4$  (50%)
  - Hydrochloric acid, HCl (37%)
  - Sodium hydroxide, NaOH (10%)
  - Aqua regia,  $HNO_{3+3}$  HCl
  - Ethylene glycol,  $C_2H_6O_2$  (60% in DI water)
- Voltage and current:
  - Open Circuit: 5VDC max @ 1 $\mu$ A.
  - Closed circuit: <300mV @ 10.7mA.
- RJ45 connector.
- Supports CAT5/5e/6 cable up to 1,000 ft. (305 m)
- 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).
- Powered by E-SEMS-16U or SERIMUX-S-x.
- Requires the E-SEMS-16U or SERIMUX-S-x to operate.
- " Use self-adhesive clips (E-CLPxx-LD) to prevent sensor rope cable from shifting after installation.