



The Moniteur NEO-X proximity sensor is nothing less than a breakthrough in sensor technology. Using the latest sensing technology, Moniteur has developed a unique solid state sensor that offers unparalleled accuracy, repeatability and cycle life. The circuitry is enclosed and encapsulated in a flexible moisture-proof bedding compound, protecting them from contaminants and shock to 38g. An LED setting light is included on the sensor housing to help users set the cams in the field without a meter.

All Moniteur VPT enclosures use an internal stainless steel Loc-Ring to attach the shaft to the enclosure. This method is 10 times stronger than using traditional c-clips, preventing vertical shaft motion from corrupting output signals.

Applications

- * Areas with corrosive or humid environments that could corrode exposed contacts
- * Critical position monitoring applications requiring reliability, accuracy and higher cycle life. The absence of moving parts allows a virtually unlimited cycle life.
- * Today's advanced process control systems requiring high quality sensor output.
- * Nonincendive (Class I or II, Division 2) environments. Article 501-3 (b) of the NEC (National Electric Code) permits the use of general purpose enclosures (such as the Watchman or Survivor Series) in Division 2 locations when the current interrupting contacts or electronics are sealed within a hermetically sealed chamber.
- * Explosion-proof - The Companion NEO-X sensor is the first position sensor specifically designed for linear valve position monitoring in hazardous areas rated Class I or II, Division 1

Specifications - NEO-X 2-wire proximity Sensor

Output	NO (Normally Open)
AC Rating	0.3 A @ 250 VAC / VDC
DC Rating	0.3 A @ 250 VAC / VDC
Max. Inrush	2.0 A
Leakage Current	0.12 mA (AC/DC)
Voltage Drop	6.5 V @ 100 mA (AC/DC)
Voltage Range	12 - 125 VAC or VDC
Cycle Life	minimum 10 million cycles
Temperature Rating	-40 F - 175 F



**The Explosion-Proof COMPANION
with NEO-X technology**