



B-4 Sensor Specifications

Size-	1 3/8" x 2 3/4" Aluminum powder coated case with 3 wire shielded cable. Connections are encased to allow any length of cable to be attached.
Weight	6 Oz. Plus mount Clamp for lubricator.
Response Timed	75 milliseconds with a one second signal upon plunger detection.
Layout	Clamp securely to Lubricator with cable grounded at sensor and use a ground lug wire in long run applications. Cable then attaches to the controller for a link.
Operating Range	6.8 to 13 volts
Current design	Active low voltage, low current circuit. Encased & Potted device detects audible signal upon plunger arrival.
Regulating circuit	Sealed audible switch to avoid corrosion with active signal upon receipt of the noise activity in the limit of set sensitivity.
Maximum Distance	250 feet from Controller. Longer signal may require design changes.
Adjustment Access	Fully adjustable. Uses an Electronic trim pot in case to tune the level to be sensed. The Pot is enclosed in the case of the sensor. Adjustment is needed for plungers that are not full metallic. Ex: Brush or Teflon plunger.
Connections	6 to 20 foot long 22 Awg. aluminum stranded wire in shielded cable with color-coded conductors.
Color code	Controllers Connection: Red = Positive; Black = Negative; White= Sensor
Certifications	CSA For Intrinsic Safety Class 1, Division 1, Groups C and D.** (When attached to a Multi Products Company CSA controller.)
Labels	Per CSA Standard for I. S. electronic items Class 1, Div. 1, Group C, & D.
Requirements	Requires Stainless Steel clamp included for the Lubricator and pressure tested for leaks and integrity. Ground wire at Brass Lug.