



Beagle[®]™ 3 Sensor Specifications

Size-	1 ½” x 1 ¼” Diameter with 6 foot long 2 conductor shielded cable.
Weight	½ lb. With mount bracket attached to lubricator and 2 #5-40 thread mounting screws.
Response Timed	75 milleseconds.
Layout	2 Rare Earth magnets with opposed poles create a respond & retract mode.
Operating Range	6.8 to 17 volts
Current design	Passive circuit with little power and sealed contacts that close circuit upon plunger arrival.
Regulating circuit	Sealed switch to avoid corrosion with passive signal.
Maximum Distance	250 feet from Controller. Longer signal requires design changes.
Connections	6 to 20 foot long 22 Awg aluminum stranded wire with color code.
Color code	Red = Positive and Black = Negative.
Certifications**	Canadian Standards Association 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; Division 1; Groups C & D.
Requirements	1) Requires a Stainless Steel housing that is Welded into the flow cross of the Lubricator and pressure tested for leaks and integrity. 2) Has a reed switch contact that allows it use with voltages up to 24 Volts DC with no power requirements. Sensor works as a passive device.

** The Beagle sensor must be attached to a Multi Products Company controller with a CSA certified shunt barrier and Metal tag showing this certification and product approval.