



LPS: Linear Position Sensor

The Luminator LPS is specifically designed to provide position feedback on linear control valves and knife-gate valves. Onboard Green or Red LEDs increase safety and awareness for plant operators.

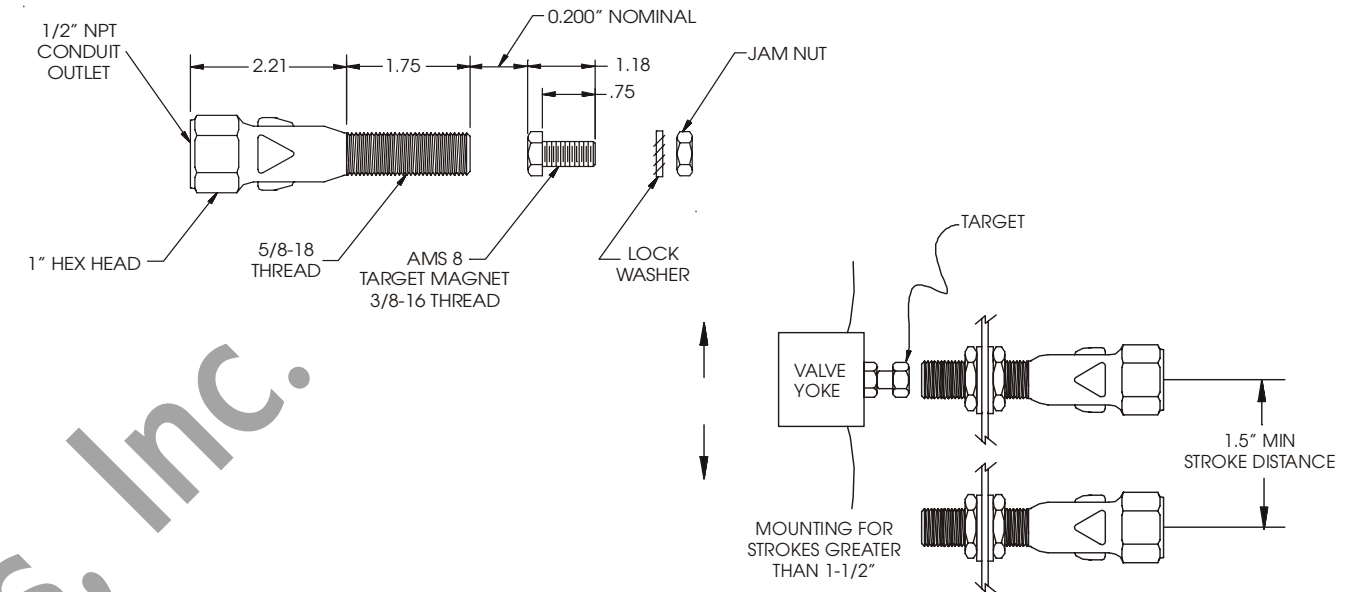
- Features:
- 316 stainless steel enclosure
 - Green or Red BriteLite LEDs
 - Hermetically sealed sensors
 - Snap-action contacts

FAST TRACK DELIVERY

LPS-DZ2RA2
Class I, Div 2 with Red BriteLite™

LPS-DZ2GA2
Class I, Div 2 with Green BriteLite™

Dimensions



Model	Sensor	Area Classification	Visual Display	Wiring
<p>Enclosure: 3.96" x 1", 316 series stainless steel</p> <p>Magnetic Target: 1.05" x 0.65", 316 series stainless steel</p> <p>Conduit Outlet: 1/2" NPT</p> <p>Operating Temperature: -40° to 160°F (-40° to 71°C)</p> <p>Environment Zone 1 (Class I, Div 1): NEMA Type 4, 4X, 7 and 9 Zone 2 (Class I, Div 2): NEMA Type 4, 4X</p> <p>LPS Luminator Linear Position Sensor</p>	<p>D (1) Hermetically sealed SPDT; Form C</p> <p>Without BriteLite: 1A/120VAC; 0.5A/24VDC With BriteLite: 0.25A/120VAC; 0.25A/24VDC</p> <p>W (1) Hermetically sealed SPST; Form A</p> <p>Without BriteLite: 3A/120VAC; 2A/24VDC With BriteLite: 0.25A/120VAC; 0.25/24VDC</p>	<p>UL LISTED CE</p> <p>Z1 Explosion Proof Zone 1 Class I, Div 1 & 2, Groups A,B,C,D Class II, Div 1 & 2, Groups E,F,G Class III (Visual Display option must be N)</p> <p>Z2 Non-Incendive Zone 2 Class I, Div 2, Groups A,B,C,D Class II, Div 1 & 2, Groups E,F,G Class III</p> <p>May be installed Intrinsically Safe per NEC Article 504.</p> <p>Need Accessories? See pp. 93-104 for: Range Extending Target Magnets Mounting Brackets Connectors and more!</p>	<p>BriteLite: Triaxial LEDs</p> <p>BriteLite Colors: Green or Red</p> <p>G Green BriteLite 360° triaxial LED visual position indicator (Z0 & Z2 only)</p> <p>R Red BriteLite 360° triaxial LED visual position indicator (Z0 & Z2 only)</p> <p>N No visual indication</p>	<p>A2 3 ft. 18 gauge potted-in lead wires</p> <p>A3 6 ft. gauge potted-in lead wires</p> <p>A4 12 ft. 18 gauge potted-in lead wires</p> <p>DCA 3-pin mini change quick disconnect (Z2 only unless installed I.S. per NEC Article 504)</p> <p>DCD 4-pin mini change quick disconnect (Z2 only unless installed I.S. per NEC Article 504)</p>
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Ordering Guide

Fill in the boxes to create your 'ordering number.'