

## ELS-900—Our Smallest Optic Yet. Handles Temperatures to 257°F!

The smallest electro optic sensor in our arsenal, the ELS-900 also carries the highest temperature capability of any of our optic sensors. Its Polyethersulfone housing extends this sensor's compatibility and is very affordable in high volumes. Excellent for industrial OEMs preferring optics with high temperature and small space requirements.

### Typical Applications

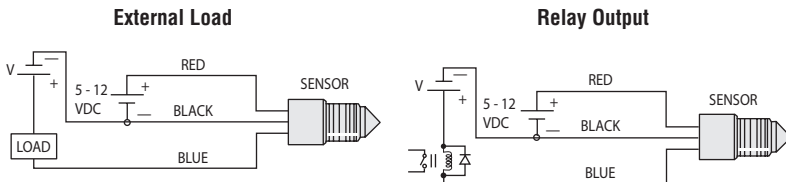
- Coolant reservoir monitoring and warning
- Medical diagnostic, sterilizer, washers and dialysis equipment
- Low lubricant warning on machine tools, generator sets, on- or off-highway vehicles
- Low level warning in hydraulic reservoirs
- Plastic over flow bottles, plastic radiators

### Specifications

<b>Materials</b>	
<b>Housing</b>	Polyethersulfone
<b>O-Ring</b>	Viton® (1/2" SAE #5 and M12x1-8)
<b>Operating Pressure</b>	0 to 250 PSI (17 bar), Maximum
<b>Operating Temperature*</b>	-40°F to +257°F (-40°C +125°C)
<b>Current Consumption</b>	4 mA, for 5 Vdc (No Load) 10 mA for 12 Vdc (No Load)
<b>Output</b>	May Sink 40 mA. max., up to 30 VDC
<b>Repeatability</b>	±1 mm
<b>EMI</b>	CE approved per EN 61000
<b>Shock Tested</b>	Per MIL-Std-202 Method 204
<b>Vibration Tested</b>	Per MIL-Std-202 Method 213B

\* These switches are not for use in freezing liquids

### Wiring Diagrams



### How To Order

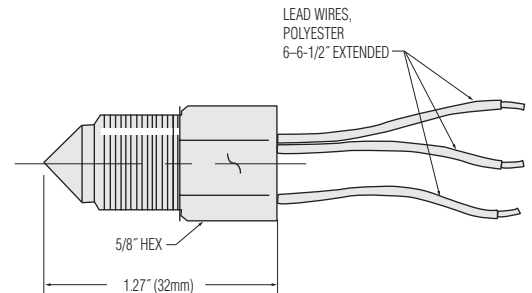
Specify Part Number based on Input and Output Condition required.

Input Power	Condition	1/4" NPT	1/2"-20 SAE #5	M12x1-8
5 V	Wet	207200 ⚡	208993	208997
	Dry	207300 ⚡	208994	208998
12 V	Wet	205200 ⚡	208991	208995
	Dry	205300 ⚡	208992	208996

⚡ – Stock Items.



### Dimensions



### Extended Power and Switching Capabilities of 12 VDC Models with Gems.

Converts TTL output signal to 5 Amp relay output. Available as open circuit board or mounted in a NEMA 4X enclosure (pictured). See Page A-35.

