### FEATURES:
- Starting as low as $17.50 each
- Mating M12S2M... connector with 2 meters of cable included with connector versions
- Extended operating distance
- Short circuit & reverse polarity protection
- Protection degree IP67: dust tight and protection from the effects of immersion

### MODEL

<table>
<thead>
<tr>
<th>Output Function</th>
<th>Standard Operating Distance</th>
<th>Extended Operating Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPN, NO</td>
<td>I12M2NO</td>
<td>I12M2NOC</td>
</tr>
<tr>
<td>PNP, NO</td>
<td>I12M2PO</td>
<td>I12M2POC</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions: mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; = 25.4 mm</td>
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<tr>
<td>1 mm = .03937&quot;</td>
</tr>
</tbody>
</table>

### Dimensions

- Operating Distance (Sn)
  - 2mm
  - 4 mm

- External Diameter: M12 x 1
- Power Supply: 10 - 30 Vdc
- Max Switching Current: 200 mA max
- Power Drain (@ 24Vdc): < 15 mA
- Voltage Drop: < 2 V
- Short Circuit Protection: Yes
- Operating Frequency: 800 Hz
- Repeatability (%Sn): ≤ 5%
- Case: Nickel-plated brass
- Flush Mounting: Yes
- Protection Degree: IP 67
- Operating Temperature: - 25 to +70 °C
- Output Connection: Cable, L = 2 m

### Wiring

- NPN, NO
  - Brown
  - Black
  - Blue

- PNP, NO
  - Brown
  - Black
  - Blue

### Connector*

- MALE CONNECTOR C
  - DC 3 & 4 wire
  - 1 = brown +
  - 3 = blue -
  - 4 = black output NONC
  - 2 = white output NC

* Mating connector with 2 meters of cable included with connector versions