Inductive

5 mm Diameter DC 3 Wire

**FEATURES:**
- Stainless steel case
- Short circuit & reverse polarity protection
- Protection degree IP67: dust tight and protection from the effects of immersion
- LED function indicator
- 3.5, 5, 7.5 and 10 meter cable lengths available upon request

<table>
<thead>
<tr>
<th>Output Function</th>
<th>NPN, NO</th>
<th>S3520</th>
<th>S3524</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPN, NC</td>
<td>S3521</td>
<td>S3525</td>
<td></td>
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<tr>
<td>PNP, NO</td>
<td>S3522</td>
<td>S3526</td>
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<tr>
<td>PNP, NC</td>
<td>S3523</td>
<td>S3527</td>
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</tbody>
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Dimensions: mm
1 mm = .03937"

**Operating Distance** (Sn) 0.8 mm

External Diameter M5 x 0.5
Power Supply 6 - 30 Vdc
Max Switching Current 150 mA max
Power Drain (@24Vdc) < 10 mA
Voltage Drop (sensor on) < 1.4 V
Short Circuit Protection Yes
Operating Frequency 2 kHz
Repeatability (%Sn) ≤ 3%
Hysteresis (%Sn) < 10%
Case Stainless Steel
Flush Mounting Yes
Protection Degree IP 67
Operating Temperature - 25 to +70 °C
Output Connection Cable, L = 2 m Connector C1

**WIRING:**

**CONNECTOR:**

<table>
<thead>
<tr>
<th>ID#</th>
<th>Type</th>
<th>Description</th>
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<tbody>
<tr>
<td>S3480</td>
<td>C1</td>
<td>right angle w/ 5 meter cable</td>
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<tr>
<td>S3481</td>
<td>C1</td>
<td>straight w/ 5 meter cable</td>
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