FEATURES:

- Stainless steel case
- Short circuit & reverse polarity protection
- Protection degree IP67: dust tight and protection from the effects of immersion
- LED function indicator
- +100°C high temperature version available upon request
- 3.5, 5, 7.5 and 10 meter cable lengths available upon request

<table>
<thead>
<tr>
<th>Output Function</th>
<th>MODEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPN, NO</td>
<td>S3440</td>
</tr>
<tr>
<td>NPN, NC</td>
<td>S3441</td>
</tr>
<tr>
<td>PNP, NO</td>
<td>S3442</td>
</tr>
<tr>
<td>PNP, NC</td>
<td>S3443</td>
</tr>
</tbody>
</table>

Dimensions: mm
1 mm = 0.03937"

Operating Distance (Sn) 2 mm
External Diameter M 8 x 1
Power Supply 10 - 30 Vdc
Max Switching Current 200 mA max
Power Drain (24Vdc) < 12 mA
Voltage Drop < 1.8 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 PVC, L=2m

* +100°C high temperature version available upon request

WIRING:

CONNECTOR:

Male connector C1
1 = brown+/ 3 = blue−
3 = blue−/ 4 = black/output NO-NC

* In the 3 wire sensors with type C connector and NC output the pins 2 & 4 are internally wired together
8 mm Diameter DC 3Wire "Short Series"

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<table>
<thead>
<tr>
<th>Output Function</th>
<th>NPN, NO</th>
<th>S3020</th>
<th>S3650</th>
<th>S3024</th>
<th>S3654</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNP, NO</td>
<td>S3026</td>
<td>S3652</td>
<td></td>
<td></td>
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<tr>
<td>PNP, NC</td>
<td>S3023</td>
<td>S3653</td>
<td>S3027</td>
<td>S3657</td>
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</tr>
</tbody>
</table>

Dimensions: mm
1 mm = .03937"

External Diameter
M8 x 1

Power Supply
6 - 30 Vdc

Max Switching Current
200 mA

Power Drain (24Vdc)
< 12 mA

Voltage Drop
< 1.8

Short Circuit Protection
Yes

Operating Frequency
2 kHz

Repeatability (%Sn)
≤ 3%

Hysteresis (%Sn)
< 10%

Case
Stainless Steel

Flush Mounting
Yes No Yes No

Protection Degree
IP 67

Operating Temperature
-25 to +70 °C *

Output Connection
Cable PVC: L = 2 m Connector C1

*M +100°C C high temperature version available upon request

MATING CONNECTORS:

<table>
<thead>
<tr>
<th>ID#</th>
<th>Type</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>S3494</td>
<td>C</td>
<td>right angle w/ 2 meter cable</td>
</tr>
<tr>
<td>S3495</td>
<td>C</td>
<td>right angle w/ 5 meter cable</td>
</tr>
<tr>
<td>S3497</td>
<td>C</td>
<td>straight w/ 2 meter cable</td>
</tr>
<tr>
<td>S3498</td>
<td>C</td>
<td>straight w/ 5 meter cable</td>
</tr>
<tr>
<td>S3480</td>
<td>C1</td>
<td>right angle w/ 5 meter cable</td>
</tr>
<tr>
<td>S3481</td>
<td>C1</td>
<td>straight w/ 5 meter cable</td>
</tr>
</tbody>
</table>

MOUNTING FOR NON-FLUSH SENSORS:

Side by side mounting
A ≥ 2D

Non flush mounting
A ≥ 2D X ≥ 0mm

* +100°C C high temperature version available upon request