Inductive can monitoring sensor
DMU 8101.19 S4

- Sensor surface 1000 x 140 mm
- Occupancy rate 0 – 100%
- RS 485 interface
- Output 0 – 10 V

Product Characteristics

<table>
<thead>
<tr>
<th>Type</th>
<th>DMU 8101.19 S4</th>
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<tbody>
<tr>
<td>Art.-No.</td>
<td>2316B</td>
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<tr>
<td>Application</td>
<td>Detecting the occupancy rate of metal cans on conveyor belts</td>
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</tbody>
</table>

Technical Data

- Analog range max. 0 – 100 % Occupancy
- Analog range adjustable yes
- Output 0 – 10 V
- Recommended object distance 10 – 15 mm
- Location at metal non flush
- Supply voltage (U_B) 24 V DC ± 20 %
- Ripple voltage max. 15 %
- Current consumption ≤ 12 mA
- Load impedance ≥ 10K
- Ripple content ≤ 1%
- Output short-circuit protection yes
- Reverse polarity protection no
- Digital communication RS 485
- Readiness time 1 s
- Response delay ca. 24 ms
- Resolution 1 % of final value
- Repeatability ≤ 0,5 %
- Error of linearity ≤ 3 %
- Ambient temperature -25 … +50 °C
- Error of temperature < 5%
- Protection class (Protection insulated) IP 67
- Connection plug S4 (M12x1)
- Housing material plastic PVC/ aluminum
- Functional display Duo LED red / green
- Weight 16,7 kg

Connection
Inductive can monitoring sensor
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**Dimension (mm)**

![Diagram](image)

**Accessories (in scope of supply)**

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**Accessories (not in scope of supply)**

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<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>Rubber/Metal Buffer</td>
<td>MS 84</td>
<td>9804A</td>
</tr>
<tr>
<td>Connection cable with female straight plug 2 m PVC cable 5 x 0.34 mm²</td>
<td>ST 043/5-2</td>
<td>9850C</td>
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<tr>
<td>Connection cable with female straight plug 5 m PVC cable 5 x 0.34 mm²</td>
<td>ST 043/5-5</td>
<td>9850D</td>
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<tr>
<td>Connection cable with female angled plug 10 m PVC cable 5 x 0.25 mm²</td>
<td>ST 041/5-10</td>
<td>9850H</td>
</tr>
<tr>
<td>Connection cable with female angled plug 5 m PUR cable shielded</td>
<td>ST 041/5-5PURS</td>
<td>9850K</td>
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**Further information**

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