LOW LEVEL SENSOR FOR SILO

Technical information:

Measures W x H x D: 185 x 290 x 145 mm
Shipping weight: 3,5 kg
Temperature range: -20 til +70°C / -4 til +158°F
Supply: 1*230 V+N+PE / 50 Hz
Pre-fuse: Max 10 A
Internal signal voltage: 24 Vac
Protection class: IP55
Load switches: Max 5A

Article numbers:
130001400880: Control box complete incl. sensor with 2 meter cable.
Fastening plugs and screws to the box for simple wall mounting.

Spare parts:
140601070120: Sensor, capacitive, VC12RT924 10M.
130002383330: Screwed connection M50x1,5 grey IP68 - for sensors.
130002383379: Nut M50x1,5 grey – for connection.
**Low level sensor for silo**

**Functional description:**
Low level sensor for silo. A lamp indicates when the silo is empty. At the same time there are four contact sets, all Nc/No, that can be used for external alarm light / alarm horn, or can be used as signal to the overall control unit, with information about silo level, empty or not.

**Mounting:**
The control box must be mounted near the silo, as the sensor is delivered with 2 meters of cable, and the cable should preferably not be extended. The control box can be mounted outside, as the cabinet is IP55.
The diagram below shows a lamp and an alarm horn, as an example of how to connect external equipment.

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**Sensors adjustment and function:**

**ADJUSTMENT**

<table>
<thead>
<tr>
<th>Delay</th>
<th>Distance</th>
<th>LED</th>
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<tr>
<td>1-10 min</td>
<td>4-12 mm</td>
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**WIRING DIAGRAMS**

- [Diagram showing wiring connections]