**ESV (Electrical Stop Valve)**

Electrical Stop Valve to control individual nozzles in a field spray boom.

**Advantages:**
- Energy storage device with boost- and buck-mode (patented)
- Very precise application thanks to individual nozzle control
- Ability to communicate with ISOBUS
- Simple cabling allows easy upgrade
- Very robust thanks to encapsulated electronics and ventilation of the valves
- Low power consumption thanks to charge control and energy storage device

**Power consumption**
- Max. 120 mA

**Emergency stop**
- (at input voltage < 8V)

**Switching valve**
- open: 0.3 sec
- close: 0.45 sec

**Protection class connectors**
- IP68

**Material**
- PA, POM, PVDF, Viton®, stainless steel

**Pressure range**
- Max. 8 bar

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**Table: Designation and Ordering no.**

<table>
<thead>
<tr>
<th>Designation</th>
<th>Ordering no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valve inside (black)</td>
<td>065.288.00.00.00</td>
</tr>
<tr>
<td>Valve outside (grey)</td>
<td>065.288.00.01.00</td>
</tr>
<tr>
<td>Terminating resistor</td>
<td>065.288.00.30.00</td>
</tr>
<tr>
<td>Adapter box</td>
<td>065.288.00.50.00</td>
</tr>
<tr>
<td>Adapter box for intermediate power supply</td>
<td>065.288.00.51.00</td>
</tr>
<tr>
<td>Extension cable 2.5 m</td>
<td>065.288.00.20.00</td>
</tr>
</tbody>
</table>

**Comparison of 3 m and 0.5 m part-width sections**

**Example:**
- 24 m working width with 50 cm nozzle spacing

- = sprayed once
- = overlap with 3 m part-width sections
- = overlap with ESV

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**Diagram:**

- Single nozzle control with the ESV
- Part-widths of 50 cm and 25 cm possible