## Plastic distribution box SV-M8 series (M8 socket, with M12 plug connector)

### Description:
- Plastic housing, distributed design, 4-way, single/double signal.

### Features:
- Optional output (PNP/NPN)
- LED indicator and high protection class IP67
- Compact size - 63mm, especially suitable for small space installation
- Standard 3m PUR cable for M12 connector, optional cable material and length

### Type List

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Cable Material</th>
<th>Cable Length</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>C12.12-3 / P</td>
<td>Straight pre-wired connector</td>
<td>Standard PUR / PP</td>
<td>3m</td>
<td>Fig. 6</td>
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<td>CB12.12-3 / P</td>
<td>Angled pre-wired connector</td>
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### Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>SV-M8-4F-3P-M12</th>
<th>SV-M8-4F-3N-M12</th>
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<tr>
<td>Output Function</td>
<td>1 signal</td>
<td>2 signals</td>
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<td>Output Type</td>
<td>PNP</td>
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</tr>
<tr>
<td>Connection for Sensors/Actuators</td>
<td>3-pin M8 female</td>
<td>3-pin M8 female</td>
<td>4-pin M8 female</td>
<td>4-pin M8 female</td>
</tr>
<tr>
<td>Locking Sockets</td>
<td>Threaded M8x1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>Fig.1,3</td>
<td>Fig.2,3</td>
<td>Fig.4</td>
<td>Fig.5</td>
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### Supply Voltage
- 10...30VDC (24VDC)

### Supply Voltage Indicator
- LED green

### I/O Channels
- 4

### Signals per Port
- 1
- 2

### Status Indicators
- LED yellow
- LED yellow / red

### Operating Current
- Max. 1.5A
- Max. 1.5A

### Current Parameter
- Please do not operate cables above max. load capacity.

### Housing Material
- Plastic
- PC + ABS

### Protection Class
- IP67

### Temperature Range
- -40...+80°C

### Resistance
- Good resistance against chemicals and oils. The resistance to aggressive media should be individually verified for your application.

### Connector
- M12(12pins)

### Accessories of Distribution Box - Connector

### Pin Assignment

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### Wiring Diagram

#### Pin Assignment

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