

## Plastic distribution box ESP4 series (M8 socket, with M12 plug connector )

<b>Description:</b>	
Plastic housing, distributed design, 4-way, single signal.	
<b>Features:</b>	
<ul style="list-style-type: none"> <li>■ Compact size - 93mm, especially suitable for small space installation</li> <li>■ Standard 3m PUR cable for M12 connector, optional cable material and length</li> <li>■ IP67</li> </ul>	
<b>Type List</b>	ESP4-8-2A-Q12
<b>Technical Data</b>	
Output Function	1 signal
Output Type	
Connection for Sensors/Actuators	3-pin M8 female
Locking Sockets	Threaded M8x1
Dimensions	Fig. 1, Fig. 2
Pin Assignment	Fig. 3
Wiring Diagram	Fig. 7
Supply Voltage	24VDC
Supply Voltage Indicator	Green
I/O Channels	4
Signals per Port	1
Status Indicators	None
Operating Current	Max. 1.5A
Current Parameter	Max. 1.5A
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)
Certificate	CE,UL
<b>Dimensions</b>	
<p>Fig. 1</p>	<p>Fig. 2</p>
<b>Pin Assignment</b>	
<p>Fig. 3</p> <p>3-pin 1 signal</p>	

<b>Accessories of Distribution Box -Connector</b>																												
<b>Type List</b>																												
Type	CO12.12-3 / P	CBO12.12-3 / P																										
Description	Straight pre-wired connector	Angled pre-wired connector																										
Cable Material	Standard PUR / PP Bending≥5 million	Standard PUR / PP Bending≥5 million																										
Cable Length	3m	3m																										
Dimensions	Fig. 4	Fig. 5																										
Pin Assignment	Fig. 6	Fig. 6																										
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	<p>Fig. 6</p>	<table border="1"> <thead> <tr> <th>12-pin M12 Male</th> <th>Suggested Cable Color</th> </tr> </thead> <tbody> <tr><td>1</td><td>BN</td></tr> <tr><td>2</td><td>BU</td></tr> <tr><td>3</td><td>WH</td></tr> <tr><td>4</td><td>GN</td></tr> <tr><td>5</td><td>PK</td></tr> <tr><td>6</td><td>YE</td></tr> <tr><td>7</td><td>BK</td></tr> <tr><td>8</td><td>GY</td></tr> <tr><td>9</td><td>RD</td></tr> <tr><td>10</td><td>VT</td></tr> <tr><td>11</td><td>GY/PK</td></tr> <tr><td>12</td><td>RD/BU</td></tr> </tbody> </table>	12-pin M12 Male	Suggested Cable Color	1	BN	2	BU	3	WH	4	GN	5	PK	6	YE	7	BK	8	GY	9	RD	10	VT	11	GY/PK	12	RD/BU
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