
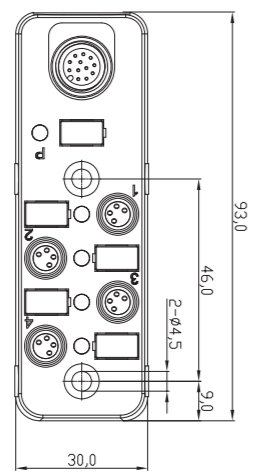
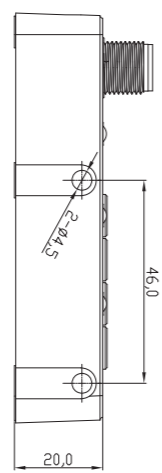
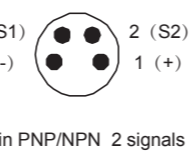
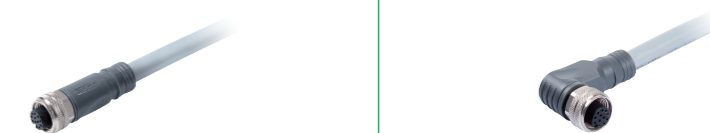
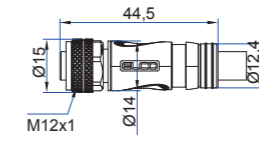
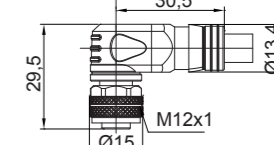
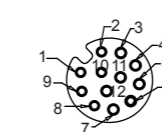
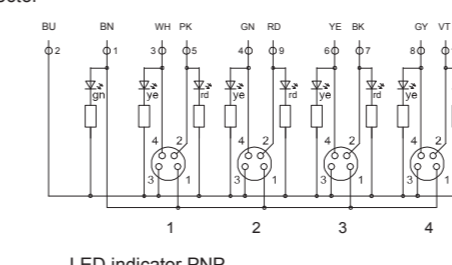
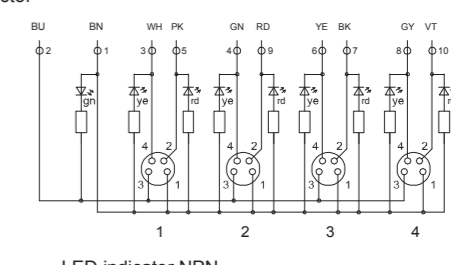


## Plastic distribution box ESP4 series (M8 socket, with M12 plug connector )

<b>Description:</b>			
Plastic housing, distributed design, 4-way, double signal.			
<b>Features:</b>			
<ul style="list-style-type: none"> <li>Optional output (PNP/NPN)</li> <li>LED indicator and high protection class IP67</li> <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> </ul>			
<b>Type List</b>		ESP4-8-3P-Q12	ESP4-8-3N-Q12
<b>Technical Data</b>			
Output Function		2 signals	
Output Type		PNP	NPN
Connection for Sensors/Actuators		4-pin M8 female	
Locking Sockets		Threaded M8x1	
Dimensions		Fig.2,3	
Pin Assignment		Fig.5	
Wiring Diagram		Fig.11	Fig.12
Supply Voltage		10...30VDC (24VDC)	
Supply Voltage Indicator		LED green	
I/O Channels		4	
Signals per Port		2	
Status Indicators		LED yellow / red	
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)	
<b>Dimensions</b>		<b>Pin Assignment</b>	
 <p>Fig. 2</p>		 <p>Fig. 3</p>	
		 <p>Fig. 5</p> <p>4 (S1)      2 (S2) 3 (-)      1 (+)</p> <p>4-pin PNP/NPN 2 signals</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. 6	Fig. 7																										
Pin Assignment	Fig. 8	Fig. 8																										
<b>Dimensions</b>	 <p>Fig. 6</p>	 <p>Fig. 7</p>																										
<b>Pin Assignment</b>	 <p>Fig. 8</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
12-pin M12 Male	Suggested Cable Color																											
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