
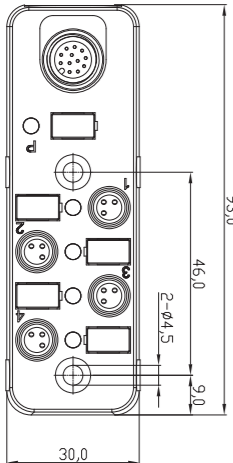
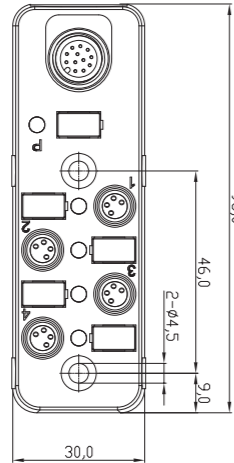
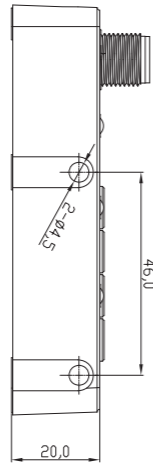
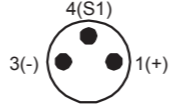



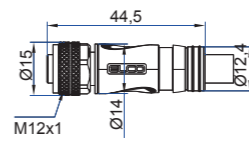
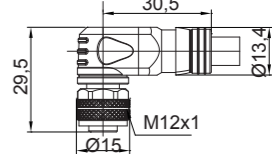
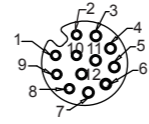
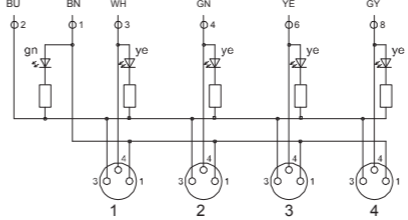
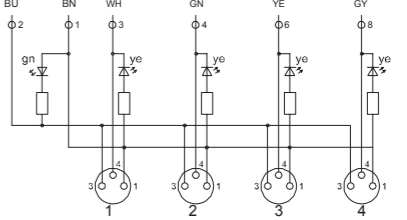
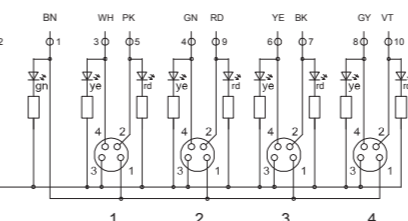
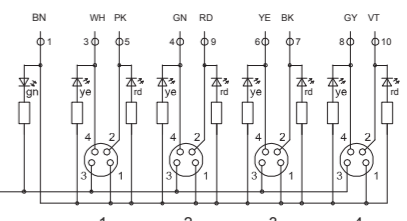


## Plastic distribution box SV-M8 series (M8 socket, with M12 plug connector )

<b>Description:</b>				
Plastic housing, distributed design, 4-way, single/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>	SV-M8-4F-3P-M12-EL	SV-M8-4F-3N-M12-EL	SV-M8-4F-4P-M12-EL	SV-M8-4F-4N-M12-EL
<b>Technical Data</b>				
Output Function	1 signal		2 signals	
Output Type	PNP	NPN	PNP	NPN
Connection for Sensors/Actuators	3-pin M8 female		4-pin M8 female	
Locking Sockets	Threaded M8x1			
Dimensions	Fig.1,3		Fig.2,3	
Pin Assignment	Fig.4		Fig.5	
Wiring Diagram	Fig.9	Fig.10	Fig.11	Fig.12
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			
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>	
			<b>Fig. 4</b>	
			 <p>3(-) 1(+)</p> <p>3-pin PNP/NPN 1 signal</p>	
			<b>Fig. 5</b>	
			 <p>4 (S1) 2 (S2)</p> <p>3 (-) 1 (+)</p> <p>4-pin PNP/NPN 2 signals</p>	

<b>Accessories of Distribution Box -Connector</b>																												
																												
																												
<b>Type List</b>																												
Type	C12.12-3 / P	CB12.12-3 / 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																										
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		<table border="1"> <thead> <tr> <th>12-pin M12 Male</th> <th>Suggested Cable Color</th> </tr> </thead> <tbody> <tr><td>1</td><td>BU</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	BU	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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