
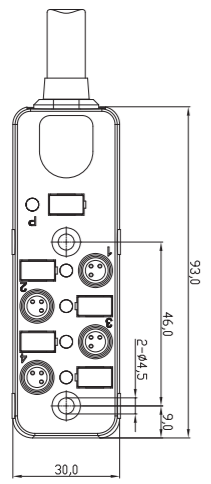
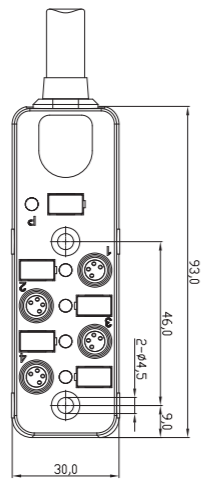
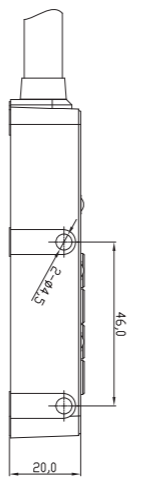
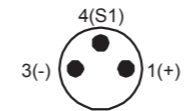



Plastic distribution box ESP4 series (M8 socket, with pre-wired cable)

Description:				
Plastic housing, 4-way, pre-wired cable, single/double signal.				
Features:				
<ul style="list-style-type: none"> Optional output (PNP/NPN) LED indicator and high protection class IP67 Compact size - 93mm, especially suitable for small space installation Standard 3m PUR cable, optional cable length 				
				
Type List	ESP4-8-2P-3 / P	ESP4-8-2N-3 / P	ESP4-8-3P-3 / P	ESP4-8-3N-3 / P
C+R Lagertypen sind ausgestattet mit : 5m PUR/PP Kabel - Bestellbezeichnung: ESP4-8-xx-5/P				
Technical Data				
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. 6	Fig. 7	Fig. 8	Fig. 9
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. 2A			
Current Parameter	Max. 8A			
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.			
Cable Material	Standard PUR / PP Bending≥5 million			
Length	3m			
Dimensions			Pin Assignment	
 <p>Fig. 1</p>			 <p>Fig. 2</p>	
 <p>Fig. 3</p>			<p>Fig. 4</p>  <p>3-pin PNP/NPN 1 signal</p> <p>Fig. 5</p>  <p>4-pin PNP/NPN 2 signals</p>	

Wiring Diagram	
<p>Fig. 6 Cable</p> <p>LED indicator PNP</p>	<p>Fig. 7 Cable</p> <p>LED indicator NPN</p>
<p>Fig. 8 Cable</p> <p>LED indicator PNP</p>	<p>Fig. 9 Cable</p> <p>LED indicator NPN</p>

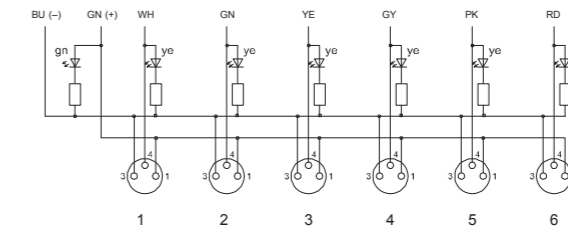
Plastic distribution box ESP6 series (M8 socket, with pre-wired cable)

Description:				
Plastic housing, 6-way, pre-wired cable, single/double signal.				
Features:				
<ul style="list-style-type: none"> Optional output (PNP/NPN) LED indicator and high protection class IP67 Compact size - 110mm, especially suitable for small space installation Standard 3m PUR cable, optional cable length 				
Type List				
ESP6-8-2P-3 / P	ESP6-8-2N-3 / P	ESP6-8-3P-3 / P	ESP6-8-3N-3 / P	
C+R Lagertypen sind ausgestattet mit : 5m PUR/PP Kabel - Bestellbezeichnung: ESP6-8-xx-5/P				
Technical Data				
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.6	Fig.7	Fig.8	Fig.9
Supply Voltage	10...30VDC (24VDC)			
Supply Voltage Indicator	LED green			
I/O Channels	6			
Signals per Port	1		2	
Status Indicators	LED yellow		LED yellow / red	
Operating Current	Max. 2A			
Current Parameter	Max. 8A			
	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.			
Cable Material	Standard PUR / PP Bending≥5 million			
Length	3m			
Dimensions			Pin Assignment	
			Fig. 4 3(-) 4(S1) 1(+) 3-pin PNP/NPN 1 signal	
			Fig. 5 4 (S1) 2 (S2) 3 (-) 1 (+) 4-pin PNP/NPN 2 signals	



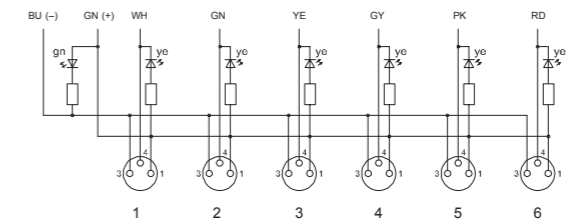
Wiring Diagram

Fig. 6
Cable



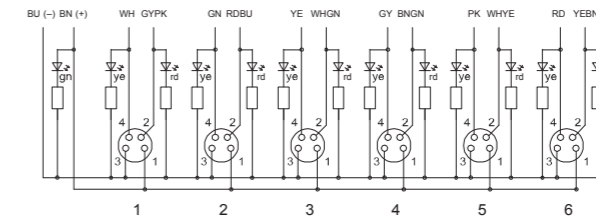
LED indicator PNP

Fig. 7
Cable



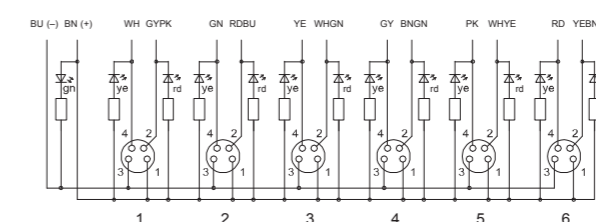
LED indicator NPN

Fig. 8
Cable



LED indicator PNP

Fig. 9
Cable



LED indicator NPN

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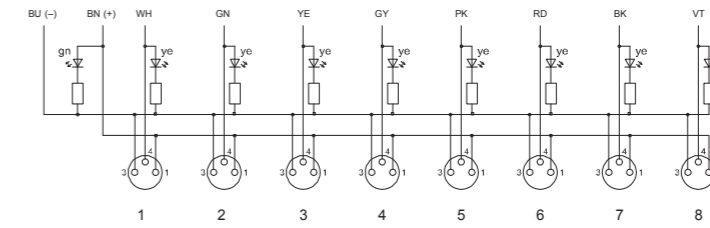
Plastic distribution box ESP8 series (M8 socket, with pre-wired cable)

Description:				
Plastic housing, 8-way, pre-wired cable, single/double signal.				
Features:				
<ul style="list-style-type: none"> Optional output (PNP/NPN) LED indicator and high protection class IP67 Compact size - 130mm, especially suitable for small space installation Standard 3m PUR cable, optional cable length 				
Type List	ESP8-8-2P-3 / P	ESP8-8-2N-3 / P	ESP8-8-3P-3 / P	ESP8-8-3N-3 / P
C+R Lagertypen sind ausgestattet mit : 5m PUR/PP Kabel - Bestellbezeichnung: ESP8-8-xx-5/P				
Technical Data				
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.6	Fig.7	Fig.8	Fig.9
Supply Voltage	10...30VDC (24VDC)			
Supply Voltage Indicator	LED green			
I/O Channels	8			
Signals per Port	1		2	
Status Indicators	LED yellow		LED yellow / red	
Operating Current	Max. 2A			
Current Parameter	Max. 8A			
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.			
Cable Material	Standard PUR / PP Bending≥5 million			
Length	3m			
Dimensions			Pin Assignment	
			Fig. 4 3-pin PNP/NPN 1 signal	
			Fig. 5 4-pin PNP/NPN 2 signals	



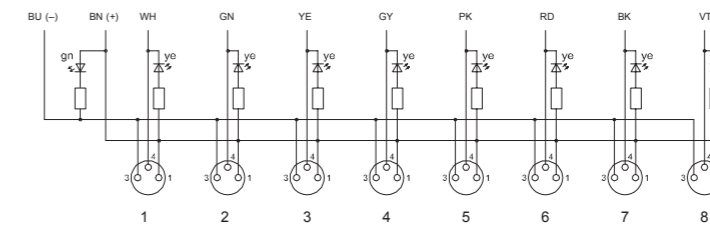
Wiring Diagram

Fig. 6
Cable



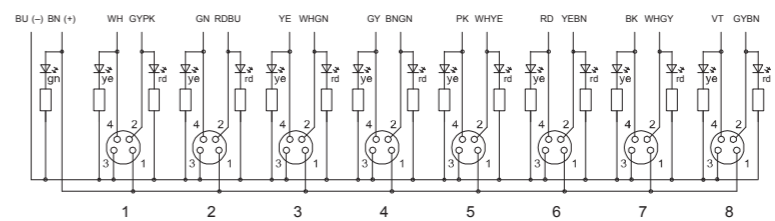
LED indicator PNP

Fig. 7
Cable



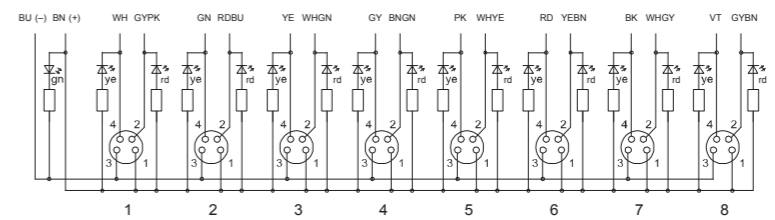
LED indicator NPN

Fig. 8
Cable



LED indicator PNP

Fig. 9
Cable



LED indicator NPN

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Plastic distribution box ESP10 series (M8 socket, with pre-wired cable)

Description:				
Plastic housing, 10-way, pre-wired cable, single/double signal.				
Features:				
<ul style="list-style-type: none"> Optional output (PNP/NPN) LED indicator and high protection class IP67 Compact size - 154mm, especially suitable for small space installation Standard 3m PUR cable, optional cable length 				
Type List	ESP10-8-2P-3 / P	ESP10-8-2N-3 / P	ESP10-8-3P-3 / P	ESP10-8-3N-3 / P
C+R Lagertypen sind ausgestattet mit : 5m PUR/PP Kabel - Bestellbezeichnung: ESP10-8-xx-5/P				
Technical Data				
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.6	Fig.7	Fig.8	Fig.9
Supply Voltage	10...30VDC (24VDC)			
Supply Voltage Indicator	LED green			
I/O Channels	10			
Signals per Port	1		2	
Status Indicators	LED yellow		LED yellow / red	
Operating Current	Max. 2A			
Current Parameter	Max. 8A			
Please do not operate cables above max. load capacity.				
Housing Material	Plastic			
	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.			
Cable Material	Standard PUR / PP Bending≥5 million			
Length	3m			
Dimensions			Pin Assignment	
Fig. 1	Fig. 2	Fig. 3	Fig. 4	
			Fig. 4	
			<p>3-pin PNP/NPN 1 signal</p>	
			Fig. 5	
			<p>4-pin PNP/NPN 2 signals</p>	




Wiring Diagram	
Fig. 6	Cable
Fig. 7	Cable
Fig. 8	Cable
Fig. 9	Cable

Plastic distribution box ESP12 series (M8 socket, with pre-wired cable)

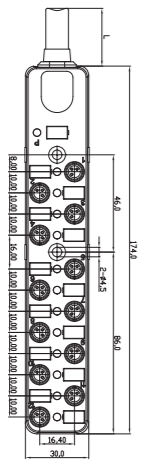
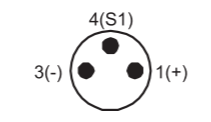
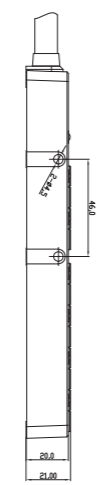
Description:
Plastic housing, 12-way, pre-wired cable, single signal.

Features:

- Optional output (PNP/NPN)
- LED indicator and high protection class IP67
- Standard 3m PUR cable, optional cable length

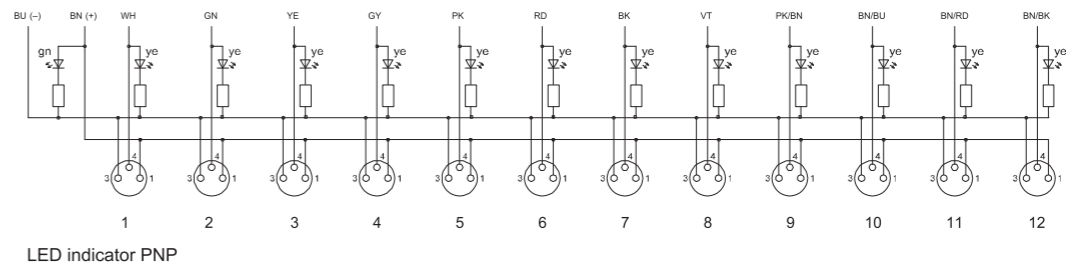


Type List	ESP12-8-2P-3 / P	ESP12-8-2N-3 / P
C+R Lagertypen sind ausgestattet mit : 5m PUR/PP Kabel - Bestellbezeichnung: ESP12-8-xx-5/P		
Technical Data		
Output Function	1 signal	
Output Type	PNP	NPN
Connection for Sensors/Actuators	3-pin M8 female	
Locking Sockets	Threaded M8x1	
Dimensions	Fig.1,2	
Pin Assignment	Fig.3	
Wiring Diagram	Fig.4	Fig.5
Supply Voltage	10...30VDC (24VDC)	
Supply Voltage Indicator	LED green	
I/O Channels	12	
Signals per Port	1	
Status Indicators	LED yellow	
Operating Current	Max. 2A	
Current Parameter	Max. 8A	
Please do not operate cables above max. load capacity.		
Housing Material	Plastic	
	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.	
Cable Material	Standard PUR / PP Bending ≥ 5 million	
Length	3m	

Dimensions	Pin Assignment
Fig. 1 	Fig. 3  3-pin PNP/NPN 1 signal
Fig. 2 	

Wiring Diagram

**Fig. 4
Cable**
LED indicator PNP



**Fig. 5
Cable**
LED indicator NPN

