

Plastic distribution box ESP8 series (M12 socket, with spring clamp terminals)

Descriptions:

Plastic housing, distributed design, with 8 port, 1 or 2 signals, LED indicator, IP67.

Features:

- LED indicator PNP/NPN
- Control 2 signals: NO&NC
- Spring clamp terminals, various cable lengths are available for special field applications
- Power supply can be distributed respectively via bridge pattern(1/3/5/7-way and 2/4/6/8-way)



Type List	ESP8-12-2P-Q	ESP8-12-2N-Q	ESP8-12-3P-Q	ESP8-12-3N-Q	ESP8-12-4P-Q	ESP8-12-4N-Q
Technical Data						
Output Function	1 signal			2 signals		
Output Type	PNP	NPN	PNP	NPN	PNP	NPN
Connection for Sensors/Actuators	4-pin M12 female			5-pin M12 female		
Locking Sockets	Threaded M12x1					
Dimensions	Fig.1-1、 Fig.5		Fig.1-2、 Fig.6		Fig.1-3、 Fig.7	
Pin Assignment	Fig.3			Fig.4		
Wiring Diagram	Fig.8	Fig.9	Fig.8	Fig.9	Fig.8	Fig.9
Supply Voltage	10...30VDC (24VDC)					
Supply Voltage Indicator	LED green					
I/O Channels	8					
Signals per Port	1 or 2					
Status Indicators	LED yellow					
Operating Current	Max. 2A / per contact					
Current Parameter	Max. 8A					
Housing Material	Plastic					
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.					

Dimensions

Fig. 11-1
2P

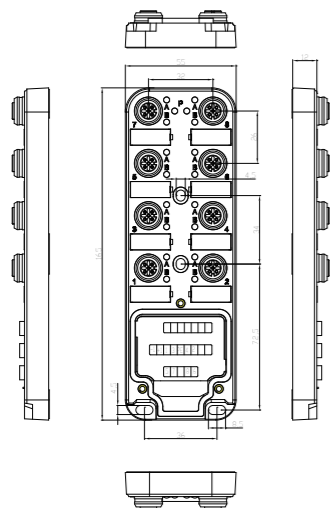


Fig. 11-2
3P

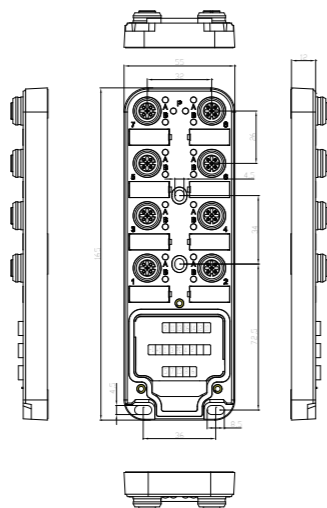
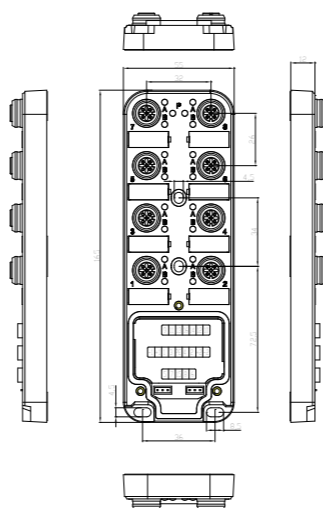
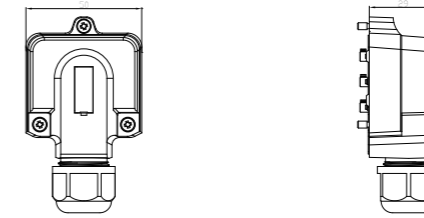


Fig. 11-3
4P



Dimensions

Fig.2



Pin Assignment

Fig.3

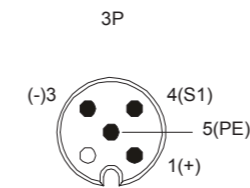


Fig.4

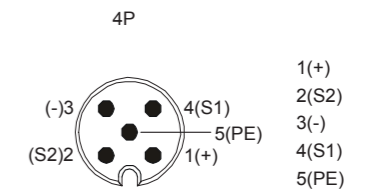


Fig.5
2P

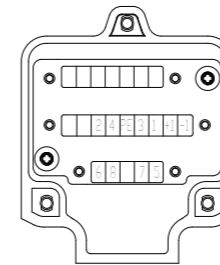


Fig.6
3P

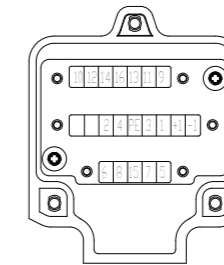
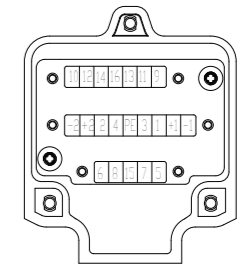


Fig.7
4P



Wiring Diagram

Fig.8
Connector

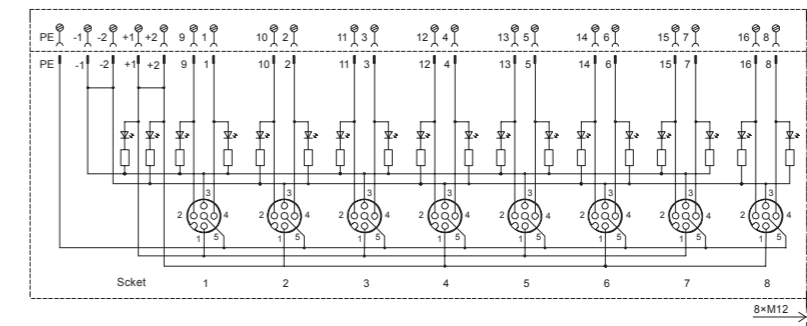


Fig.9
Cable

