Plastic distribution box ESP4 series (M12 socket, Terminal field-wired)

Description:

Plastic housing, split design, 4 channels, single signal or dual signal,
indicator for action display, IP67.

Features:

- LED indicator PNP, NPN optional
- Single signal and dual signal provided
- Terminal type wiring to meet the flexible configuration of different cable outlet lengths
- Optional bridging mode to achieve district power supply (Power 1, 3 ports and 2, 4 ports respectively)

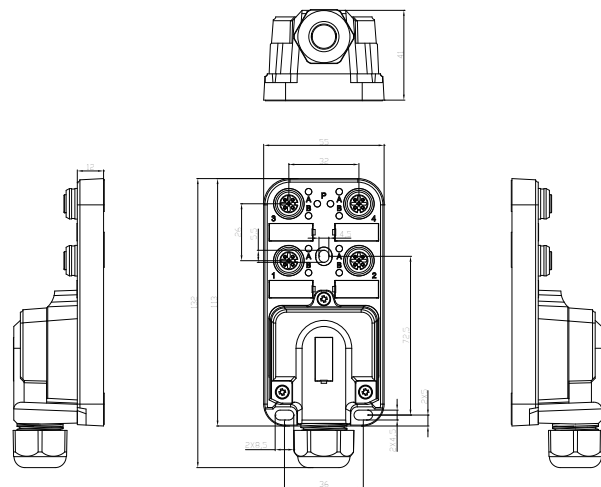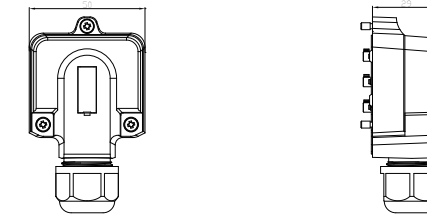| Type List	ESP4-12-2P-Q	ESP4-12-2N-Q	ESP4-12-3P-Q	ESP4-12-3N-Q	ESP4-12-4P-Q	ESP4-12-4N-Q
Technical Data						
Output Function	1 signal		2 signals			
Output Type	PNP	NPN	PNP	NPN	PNP	NPN
Connection for Sensors/Actuators	4-pin M12 female		5-pin M12 female			
Locking Sockets	Threaded M12x1					
Dimensions	Fig. 1, Fig. 2, Fig. 5		Fig. 1. Fig. 2. Fig. 6		Fig. 1. Fig. 2. 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	4					
Signals per Port	1 or 2					
Status Indicators	LED yellow					
Operating Current	Max. 2A / per contact / 4A/channel					
	8A				16A	
Housing Material	Plastic					
Protection Class	IP67					
Temperature Range	-40...+80℃					
Resistance	Good resistance against chemicals and oils. The resistance to aggressive					
	media should be individually verified for your application.					

Dimensions

Fig. 1

Fig. 2

Pin Assignment
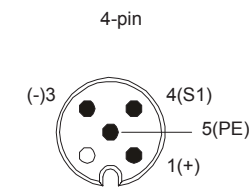
Fig. 3

Fig. 4

4-pin

5-pin

(-)3 4(S1)
5(PE)
1(+)

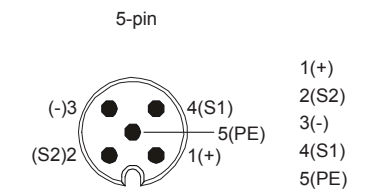(-)3 4(S1)
5(PE)
(S2)2 1(+)

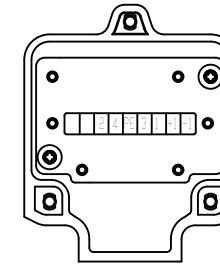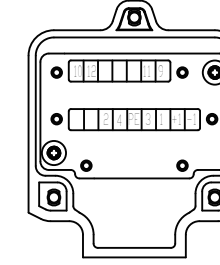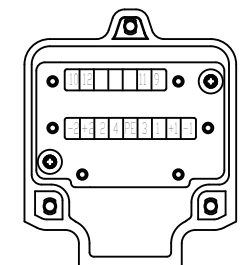1(+)
2(S2)
3(-)
4(S1)
5(PE)

Fig. 5
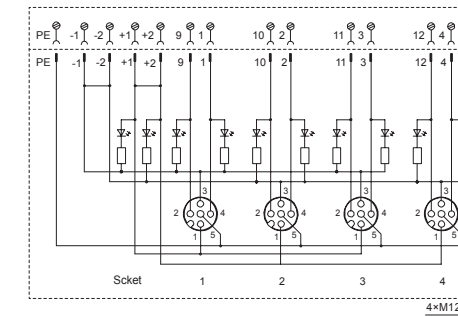2P

Fig. 6
3P

Fig. 7
4P

Wiring Diagram

Fig. 8
Connector

Fig. 9
Cable