

## Plastic distribution box ESP4 series (M12 socket, with M23 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>Standard 3m PUR cable for M23 connector, optional cable material and length</li> </ul>				
<b>Type List</b>	ESP4-12-2P-Q23	ESP4-12-2N-Q23	ESP4-12-3P-Q23	ESP4-12-3N-Q23
<b>Technical Data</b>				
Output Function	1 signal		2 signals	
Output Type	PNP	NPN	PNP	NPN
Connection for Sensors/Actuators	4-pin M12 female		5-pin M12 female	
Locking Sockets	Threaded M12x1			
Dimensions	Fig. 1			
Pin Assignment	Fig. 2		Fig. 3	
Wiring Diagram	Fig. 8	Fig. 9	Fig. 10	Fig. 11
Supply Voltage	10...30VDC (24VDC)			
Supply Voltage Indicator	LED green			
I/O Channels	4			
Signals per Port	1		2	
Status Indicators	LED yellow			
Operating Current	Max. 2A / per contact			
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.			
Connector	M23(19pins)			
<b>Dimensions</b>				
Fig. 1			<b>Pin Assignment</b>	

<b>Accessories of Distribution Box -Connector</b>																																																							
<b>Type List</b>	LSO23.19-0	LSBO23.19-0	CO23.19-3/P																																																				
Type	Straight field-attachment connector	Angled field-attachment connector	Straight pre-wired connector																																																				
Description	--	--	Standard PUR/ PP Bending≥5 million																																																				
Cable Material	--	--	3m																																																				
Cable Length	Fig. 4	Fig. 5	Fig. 6																																																				
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