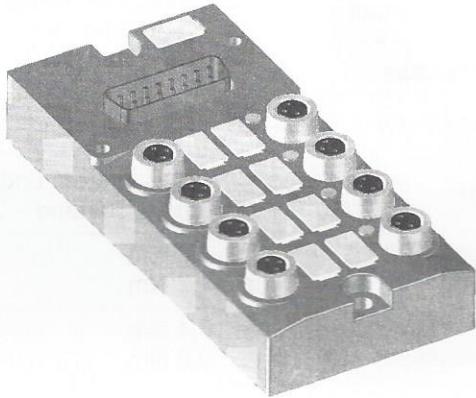


# Brief description

English

## Multipin distributor for M8 plugs 8 ways / 12 ways



Part no. : 378355

**FESTO**

Festo AG & Co.  
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D-73726 Esslingen  
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### 1. General instructions

Read these instructions through completely. Then start fitting the distributor.

Before commissioning  
Switch off the power supply before connecting or disconnecting plugs (otherwise functioning may be impaired)

Disconnect air and electrical supplies before attempting repair or maintenance.  
See ISO 4414-1982 for safety requirements covering the installation and use of pneumatic equipment.

### 2. Designated use

Compact multipin distributor for inputs and outputs.

For connecting PNP-sensors and for 2-pole actuators.

Connection with 3-pin M8x1 connector (8 or 12 units)

Multiple connection with 15-pin D-Sub-plug.

Switching status display via yellow LED.

### 3. Pin assignment of the multipin distributor

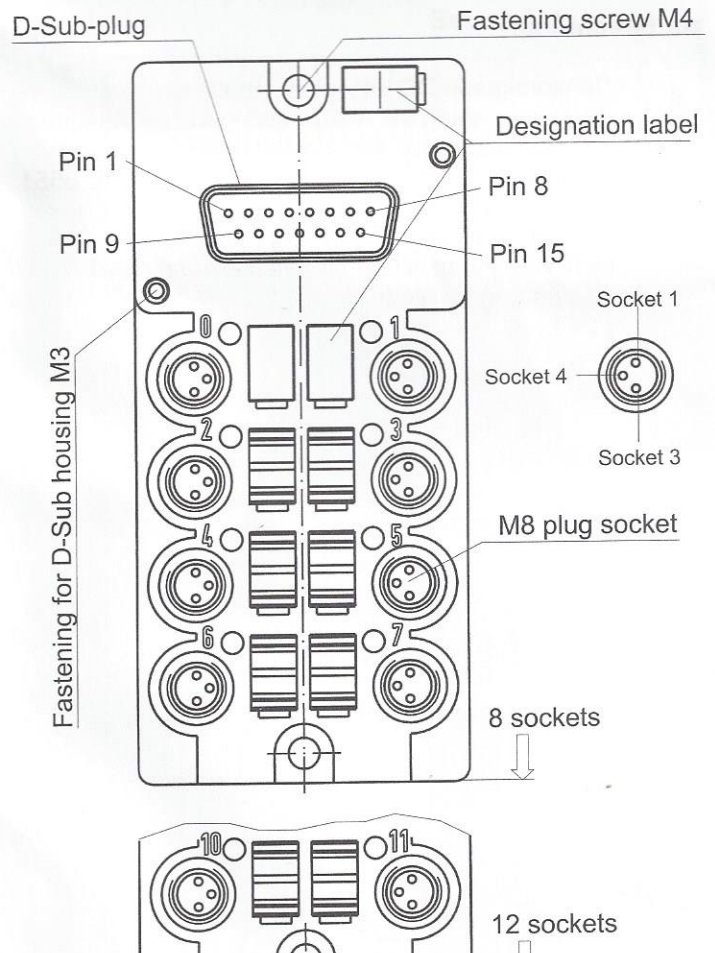
#### Contact assignment D-Sub-plug 15-pin

signal lines Pin 1 to Pin 12  
DC 24V Pin 13  
0V Pin 14 and Pin 15

#### Contact assignment M8-socket as per IEC 947-5-2

plug point 0 to 7 or 0 to 11  
signal cables socket 4  
DC 24V socket 1  
0V socket 3



M 8 plug point / socket	15-pin D-Sub Pin
0	4
1	4
2	4
3	4
4	4
5	4
6	4
7	4
8	4
9	4
10	4
11	4
0-7/11	1
0-7/11	3
	14 and 15



#### 4. Accessories

Accessories	Type
End cap	ISK-M8
Designation label	IBS 6x10
Connecting cable	KMPV-SUB-D-15-5
Connecting cable	KMPV-SUB-D-15-10
Plug socket, D-Sub	SD-SUB-D-BU15

##### Recommendation

-  Use connecting cables and multipin sockets from the Festo accessories for connecting the multipin distributor. Only in this way can protection class IP 65 be guaranteed.
-  All non-used plug points are to be sealed with end caps in order to comply with protection class IP 65.

#### 5. Technical datas

Type	MPV-E/A-08-M8	MPV-E/A-12-M8
Dimensions	98x 45x 20 mm	126x 45x 20 mm
Weight	92 g approx.	125 g approx.
Nominal voltage	DC 10 - 30V	
Nominal current	max. 1A per socket max. 6A total	
Insulation group	class C DIN 0110	
Temperature range	-20° C to +80° C	
Protection class	IP65 only when fitted and screwed tight	
Tightening torque of the fastening screws M4	min. 0.8 Nm max. 1.2 Nm	
Tightening torque of the fastening screws M3	min. 0.4 Nm max. 0.8 Nm	
LABS-stamping	Free of paint-wetting impairment substances	
Materials	Housing Thread sets Casting compound	PA 6.6 CuZn Epoxy resin

#### Please note

- Sensor signal DC 24V positive switching
- Use as output module to control the solenoid coil, use a power unit with insulation as per DIN EN 60742 / VDE 0551. PE connection is not possible.
- No protection against incorrect polarity and no short circuit protection