

**MVSS PRE-PROCESSING DISTRIBUTOR 4-way, and / nor / xor**

4-way, 5-pole  
M12 plug connection  
For pre-linking digital signals

**Image**

- Signals of digital sensors are directly linked and transferred to the control via an M12 cable. The logic functions 1 x 8 AND/NOR, 2 x 4 AND, 2 x 4 XOR can be selected via DIP switches. Unused M12 ports can be switched off. This pre-linking reduces the wiring efforts, the number of PLC inputs, and the cycle time of the machines. The logic distribution boxes can be daisy chained; this allows preceding logic operation of additional digital signals. The 4-way distribution box features M12 ports with double assignment (2 signals per plug). The 8-way distribution box features M12 ports with Y-function for double assignment: - 5-pole (2 signals per port), ports 1, 3, 5, and 7, have to be closed with protection caps (Art. No. 58627). - 4-pole (1 signal per port).

- M12 plug connection
- Logic functions selectable via DIP switch

Vicarious picture

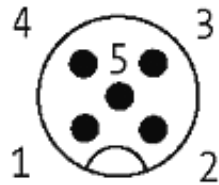
Contact layout	
Contact 1	(+)
Contact 2	(N/C)/(S2)
Contact 3	(-)
Contact 4	(N/O)/(S1)
Contact 5	(Earth)
Technical Data	
Operating voltage	24 V DC
Current consumption module	max. 35 mA
Power supply sensor (contact 1)	max. 800 mA, short-circuit and overload protected
Output current M12 plug	max. 400 mA
LED display	LED green: Output S2 and input "reset" (sockets 1, 3, 5, 7); LED yellow: Output S4 and input "feed" (sockets 2, 4, 6, 8); LED red: input voltage
Temperature range	-10...+50 °C
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)
Housing	Plastic, flame retardant
Commercial data	
Net weight	200
Net weight	200
Weight unit	gram
Basic unit	pc.
Customs tariff number	85437090
Unit (piece)	1
Limited value	1
Accessories	
M12 plastic lock screw	Art.-No. 58627

All data on this data sheet was compiled carefully.  
Liability regarding correctness, completeness, and actuality is limited to gross negligence. Created: 06/12

Contact layout

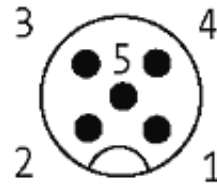
M12 Male

5-pole



M12 Females

5-pole



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