

M12 Male to 2xM8 Female

M12 Male to 2xM12 Female

– ASBS 2 M12-5 1-1: wired through 1 to 1 –

[illegible]

M12 Male to 2xM12 Female

– ASBSA 2 M12-3: with AND circuit –

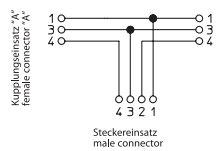
[illegible]

*a coupling nut black
*b coupling nut nickel-plated

*c O-ring

Face Views

ASBS 2 M8



Kupplungseinsatz "A"
female connector "A"

Steckereinsatz
male connector

The diagram shows a 4-pin female connector 'A' on the left and a 4-pin male connector 'B' on the right. The female connector has pins labeled 1, 2, 3, and 4 from top to bottom. The male connector has pins labeled 4, 3, 2, and 1 from top to bottom. The connections are as follows: Female pin 1 connects to Male pin 1; Female pin 2 connects to Male pin 2; Female pin 3 connects to Male pin 3; and Female pin 4 connects to Male pin 4.

Kupplungseinsatz "A"
female connector "A"

Steckereinsatz "A"
male connector

Kupplungseinsatz "B"
female connector "B"

Steckereinsatz "B"
male connector

The diagram shows two sets of wiring. For the 'A' connectors, the female connector (left) has pins 10, 20, 30, 40, 50 and the male connector (right) has pins 5, 4, 3, 2, 1. Wires connect 10 to 5, 20 to 4, 30 to 3, 40 to 2, and 50 to 1. For the 'B' connectors, the female connector (left) has pins 1, 2, 3, 4, 5 and the male connector (right) has pins 1, 2, 3, 4, 5. Wires connect 1 to 1, 2 to 2, 3 to 3, 4 to 4, and 5 to 5.

The diagram shows a 5-pin D-sub connector with two rows of pins. The top row is labeled 'Kupplungseinsatz "A" female connector "A"' and the bottom row is labeled 'Kupplungseinsatz "B" female connector "B"'. The pins are numbered 1 to 5 from left to right. The top row has pins 1, 2, 3, 4, and 5. The bottom row has pins 5, 4, 3, 2, and 1. The pins are connected to a central block labeled 'Steckereinsatz male connector'.



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M12-Splitters/T-Connectors

ASBS 2 M8 | ASBS 2 M12 | ASBSA 2 M12

Technical Data

Environmental














Degree of protection	IP 67 / NEMA 6P
Operating temperature range	-25°C (-13°F) / +90°C (+194°F)

Mechanical

Housing / Molded body	TPU, self-extinguishing
Insert	Female connectors: M8: TPU, self-extinguishing M12: PA GF, self-extinguishing
Male connector:	TPU, self-extinguishing
Contact	CuZn, pre-nickel-plated and 0.8 microns gold-plated
Coupling nut	CuZn, nickel-plated
O-ring	FKM

Electrical

Contact resistance	≤ 5 mΩ
Nominal current at 40°C	4 A per outlet / 4 A max. total
Nominal voltage	60 V
Rated voltage	63 V
Test voltage	M8: 0.8 kV eff. / 60 s M12: 1.5 kV eff. / 60 s ASBSA: 2.0 kV eff. / 60 s
Insulation resistance	> 10 ⁹ Ω
Pollution degree	3

Part Number	Pins	Characteristics
ASBS 2 M8	3	 
ASBSA 2 M12-3		 
ASBS 2 M12-4	4	 
ASBS 2 M12-5S	5	  
ASBS 2 M12-5		 
ASBS 2 M12-5 1-1		 

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