



CANopen/DeviceNet distribution box: 1 x 5-pin plug, 4 x 5-pin socket

Passive CAN distributor with 5-pin M12 connectors.

All pins are through-connected (1:1). The DeviceNet supply voltage between Pin 2+3 (11 V...30 V) is indicated by an LED. For CANopen this power supply is optional, some devices need the supply voltage for e.g. supplying of the CAN transceiver.

Stub line length:

The connectable stub line lengths at passive multipoint distributors are depend on the baud rate. Attention: it may not be used the cable lengths specified in DeviceNet. They apply only to „Trunk Line – Drop-Line“ topologies, in which the stub lines are not connected to a common point on the bus.

The following drop line lengths are not exceeded:

Baud rate	Max. stub line length (Multidrop)	Max. bus length for multidrop topology (without stub line)
1000 kBaud	0.3 m	25 m
500 kBaud	1.2 m	60 m
250 kBaud	2.4 m	120 m
125 kBaud	4.8 m	310 m

Technical data	
Fieldbus	CANopen or DeviceNet
Bus connector	M12 plug 5-pin, screwable
Transfer rate	Up to 1 Mbaud (CANopen) or 500 kBaud (DeviceNet)
Supply voltage (V+)	11 V ... 30 V, max. 4 A
Protection code	IP67
Temperature range	0 °C ... 55 °C, 32 °F ... 131 °F
Ordering information	
ZS5052-4500	CANopen/DeviceNet distribution box: 1 x 5-pin plug, 4 x 5-pin socket incl. covering stopper, plastic (IP 67), for M12 and marking labels, white