



Wiring block

ZDO4H050MSS0005H11



Application		
System	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability	
Free from silicone	yes	
Electrical data		
Operating voltage	[V]	< 30 DC; (cULus - Class 2 source required)
Protection class		II
Max. current load per module/slot	[A]	4
Max. current load total	[A]	12
Operating conditions		
Ambient temperature	[°C]	-25...80
Ambient temperature (moving)	[°C]	-5...60
Protection		IP 67; IP 68
Tests / approvals		
UL approval	Enclosure type	Type 1
Mechanical data		
Weight	[g]	506



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Housing	rectangular	
Type of mounting	Backplane mounting	
Dimensions [mm]	82 x 54 x 22	
Material	housing: PA	
Material nut	brass, nickel-plated	
Number of ports splitter box	4	
Connector type	M12	
Drag chain suitability	yes	
Drag chain suitability	Bending radius for flexible applications	min. 10 x cable diameter
	Bending cycles	> 2 Mio.
	Torsional strain	maximum 30 °/m

Accessories

Items supplied	Protective caps: 2
	labels: 4

Remarks

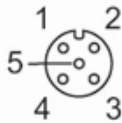
Pack quantity	1 pcs.
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Electrical connection

Cable: 5 m, PUR, Halogen-free, black, Ø 8.2 mm; 8 x 0.34 mm² (43 x Ø 0.1 mm) + 3 x 1.0 mm² (55 x Ø 0.15 mm)

Electrical connection - slot

Connector: 4 x M12; coding: A; Locking: brass, nickel-plated; Contacts: gold-plated; Tightening torque: 0.8...1.5 Nm





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Connection

<u>BN</u>	<u>1 (1...4)</u>	<u>C</u>
<u>BU</u>	<u>3 (1...4)</u>	<u>C</u>
<u>GN/YE</u>	<u>5 (1...4)</u>	<u>C</u>
<u>GY/PK</u>	<u>2 (1)</u>	<u>C</u>
<u>RD/BU</u>	<u>2 (2)</u>	<u>C</u>
<u>WH/GN</u>	<u>2 (3)</u>	<u>C</u>
<u>BN/GN</u>	<u>2 (4)</u>	<u>C</u>
<u>WH</u>	<u>4 (1)</u>	<u>C</u>
<u>GN</u>	<u>4 (2)</u>	<u>C</u>
<u>YE</u>	<u>4 (3)</u>	<u>C</u>
<u>GY</u>	<u>4 (4)</u>	<u>C</u>

	Core colors :
BN =	brown
BU =	blue
GN =	green
GY =	grey
PK =	pink
RD =	red
WH =	white
YE =	yellow