



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
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Mechanical data

Weight	[g]	506
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Dimensions	[mm]	22 x 54 x 82
Material		PA
Molded-body material		PA
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

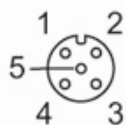
Pack quantity	1 pcs.
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Electrical connection

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; Moulded body: PA; Contacts: gold-plated; Tightening torque: 0.8...1.5 Nm





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Connection

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

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