



Splitter box

ZDO8H050MSS0005H19



Application		
Special feature		Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Free from silicone		yes
Electrical data		
Operating voltage	[V]	< 30 DC; ("supply class 2" to cULus)
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



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Protection	IP 67; IP 68
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Tests / approvals

UL approval	Enclosure type	Type 1
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Mechanical data

Weight	[g]	906.5
Dimensions	[mm]	22 x 54 x 127
Materials		PA
Moulded-body material		PA
Number of ports splitter box		8
Connector type		M12
Drag chain suitability		yes
Drag chain suitability	bending radius for flexible use	min. 10 x cable diameter
	travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s ²
	bending cycles	> 2 Mio.
	torsional strain	± 30 °/m

Accessories

Items supplied	Protective caps: 2
	labels: 8

Remarks

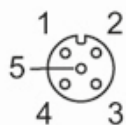
Pack quantity	1 pcs.
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Electrical connection

Cable: 5 m, PUR, Halogen-free, black, Ø 9.7 mm; 16 x 0.34 mm² (43 x Ø 0.1 mm) + 3 x 0.75 mm² (95 x Ø 0.1 mm)

Electrical connection - slot

Connector: 8 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...8)	C
<u>BU</u>	3 (1...8)	C
<u>GN/YE</u>	5 (1...8)	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/YE</u>	2 (5)	C
<u>YE/BN</u>	2 (6)	C
<u>WH/GY</u>	2 (7)	C
<u>GY/BN</u>	2 (8)	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
<u>PK</u>	4 (5)	C
<u>RD</u>	4 (6)	C
<u>BK</u>	4 (7)	C
<u>VT</u>	4 (8)	C

	Core colours :
BK =	black
BN =	brown
BU =	blue
GN =	green
GY =	grey
PK =	pink
RD =	red
VT =	lilac
WH =	white
YE =	yellow