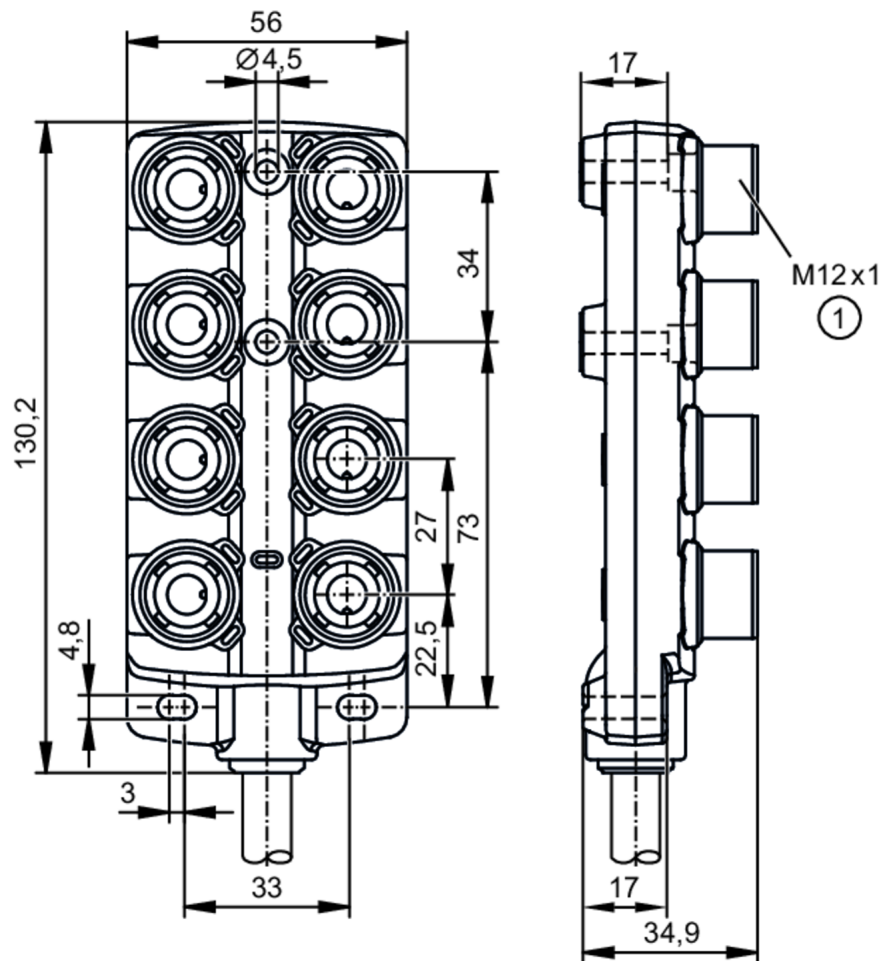




Wiring block

FDO8H050VAS0020P19



1 Fast Connect



Application

System	Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability
Application	sanitary and wet areas in the food industry
Free from silicone	yes

Electrical data

Operating voltage	[V]	< 50 AC / < 60 DC
Protection class		II
Max. current load per module/slot	[A]	4
Max. current load total	[A]	12

Outputs

Electrical design	PNP
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Operating conditions

Ambient temperature	[°C]	-25...80
Ambient temperature (moving)	[°C]	-5...60
Protection		IP 65; IP 67; IP 68; IP 69K



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Mechanical data		
Weight	[g]	2968.3
Housing		rectangular
Type of mounting		Backplane mounting
Dimensions	[mm]	130.2 x 56 x 34.9
Material		housing: PA
Material nut		stainless steel (1.4404 / 316L)
Sealing material		EPDM
Number of ports splitter box		8
Connector type		M12
Drag chain suitability		yes
Drag chain suitability	Bending radius for flexible applications	min. 10 x cable diameter
	Bending radius for fixed installation	min. 5 x cable diameter
	Travel speed	max. 3 m/s at 5 m horizontal travel length and max. acceleration of 5 m/s²
	Bending cycles	> 1 Mio.
	Torsional strain	± 30 °/m
Accessories		
Items supplied		Protective caps: 1
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 20 m, MPPE PE, Halogen-free, grey, Ø 9.7 mm; 16 x 0.34 mm² (42 x Ø 0.1 mm) + 3 x 1.00 mm² (56 x Ø 0.15 mm)		
Electrical connection - slot		
Connector: 8 x M12; coding: A; Locking: stainless steel (1.4404 / 316L); sealing: EPDM; Contacts: gold-plated; Fast Connect		



Wiring block

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