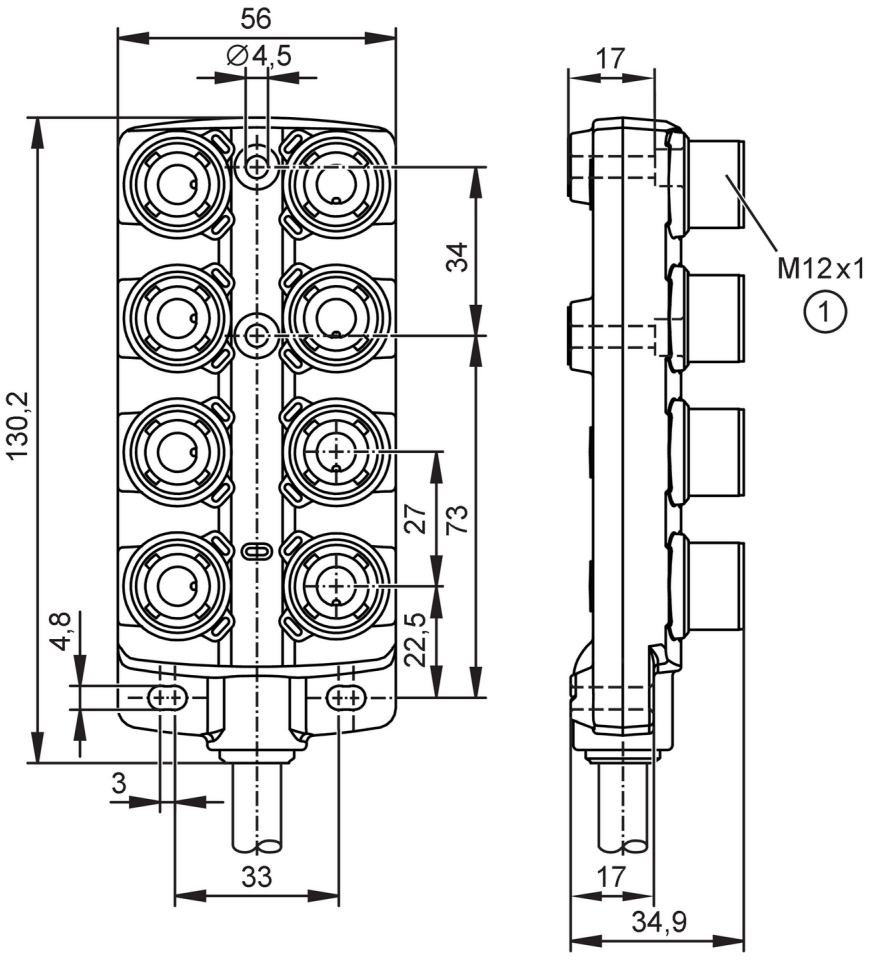
EBF023

Splitter box

FDO8H049VAS0010P11



1 Fast Connect

Application		
Special feature		Free from silicone; Halogen-free; Gold-plated contacts; Drag chain suitability
Application		hygienic and wet areas in the food industry
Free from silicone		yes
Electrical data		
Operating voltage	[V]	< 30 DC
Protection class		II
Max. current load per module/slot	[A]	4
Max. current load total	[A]	12
Outputs		
Electrical design		PNP
Operating conditions		
Ambient temperature	[°C]	-25...80
Ambient temperature (moving)	[°C]	-5...60
Protection		IP 65; IP 67; IP 68; IP 69K

EBF023

Splitter box

FDO8H049VAS0010P11

Mechanical data			
Weight	[g]	1220.25	
Housing		rectangular	
Type of mounting		backplane mounting	
Dimensions	[mm]	130.2 x 56 x 34.9	
Materials		housing: PA	
Material nut		stainless steel (316L/1.4404)	
Sealing material		EPDM	
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
		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

Displays / operating elements		
Display	switching status	8 x LED, yellow
	operation	1 x LED, green

Accessories	
Items supplied	Protective caps: 1

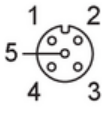
Remarks	
Pack quantity	1 pcs.

Electrical connection

Cable: 10 m, MPPE PE, Halogen-free, grey, Ø 8.2 mm; 8 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; Contacts: 5, gold-plated; Locking: stainless steel (316L/1.4404); Sealing: EPDM; Fast Connect

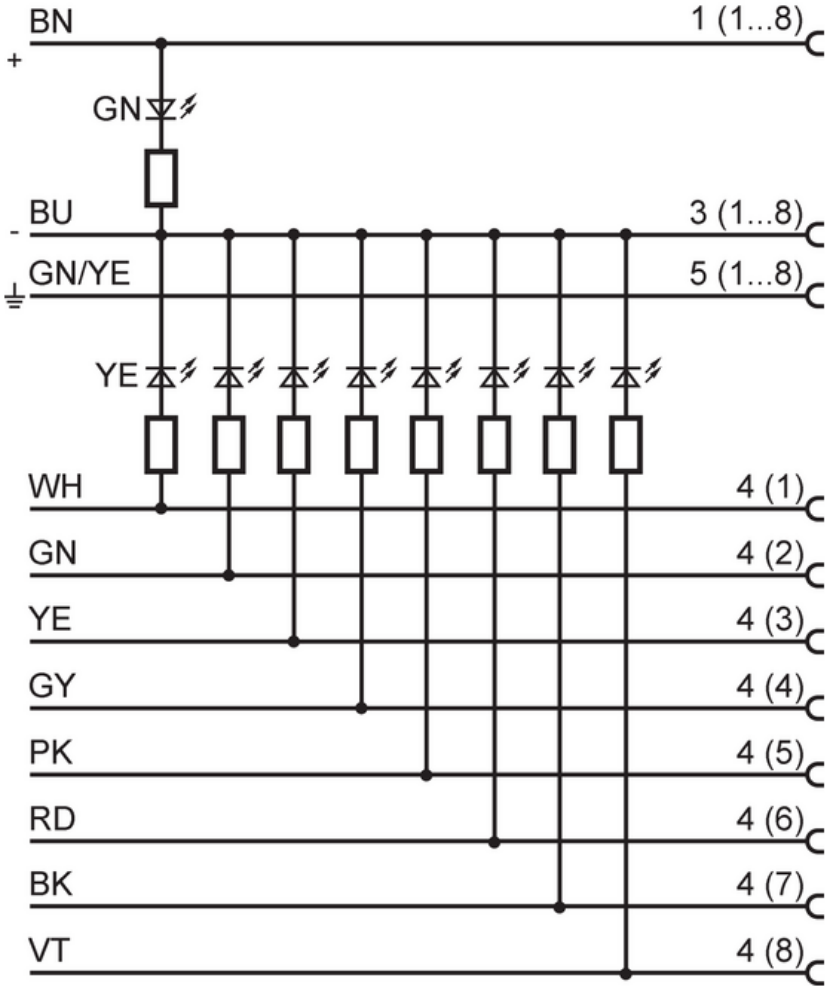


EBF023

Splitter box

FDO8H049VAS0010P11

Connection



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