

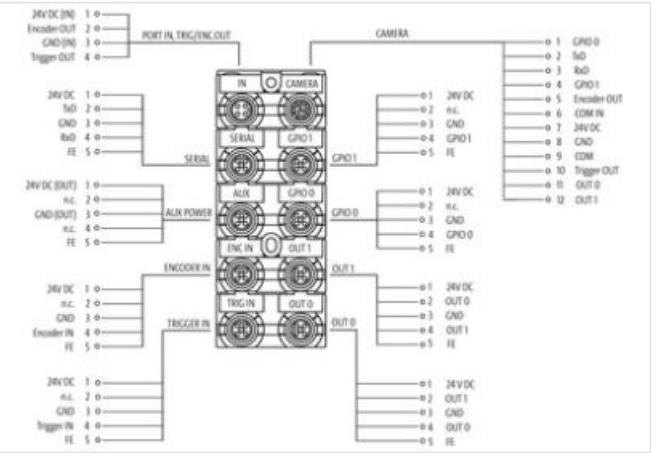
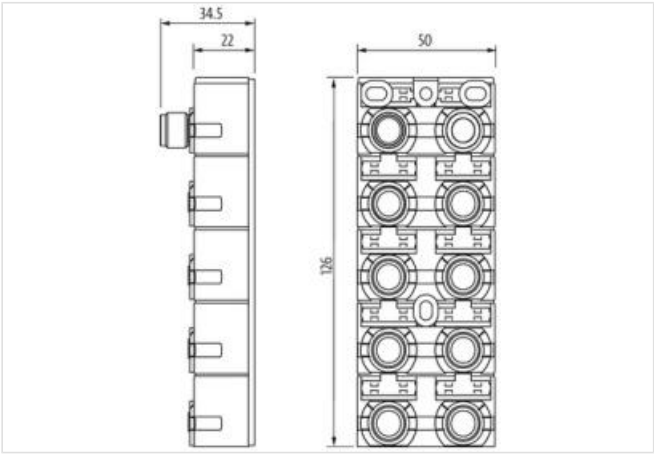
Master Breakout Box PNP

MVP12V-ON9F-PNGH

M12 plug connection
with LED for digital PNP-signals 24 V DC
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
10-way

Link to Product

Illustration



Product may differ from Image



Electrical data	
Frequency max. (trigger/encoder)	50 kHz
Repeater function present	yes
Electrical data Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V

Operating voltage DC max.	28 V
Nominal current	1500 mA
Open-circuit current	70 mA
Electrical data Output	
Output current	2000 mA
Device protection Electrical	
Installation height max. ASL	2000 m
Degree of protection (EN IEC 60529)	IP65, IP67
Invers-polarity protection	yes
Short-circuit protected	yes
Material group (IEC 60664-1)	III
Device protection Mechanical	
Shock resistance (EN IEC 60068-2-27)	50 g, 11 ms
Vibration resistance (EN IEC 60068-2-6)	0,75 mm (10 ... 70 Hz), 15 g (70 ... 500 Hz)
Mechanical data Mounting data	
Net weight	210 g
Installation measurement	75 mm
Height	34,5 mm
Width	50 mm
Length	126 mm
Environmental characteristics Electromagnetic compatibility	
Interference emission	Emission standard for industrial environments (IEC 61000-6-4)
Immunity to interference	Immunity standard for industrial environments (IEC 61000-6-2)
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	45 °C
Storage temperature min.	-25 °C
Storage temperature max.	70 °C
Conformity	
CE	2014/30/EU & 2011/65/EU
UKCA	EN IEC 61000-6-2: 2019 Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity standard for industrial environments (IEC 61000-6-2:2016 EN 61000-6-3: 2007 + A1:2011 Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - E
Approvals	
UL	UL61010
Connection type 3	
Connection type 1	Input
Connection type 2	Output
Connection type 3	X1-X8
Family construction form	M12
Gender	male
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	24 V DC
PIN 2	Encoder Out
PIN 3	0 V
PIN 4	Trigger Out
PIN 5	n.c.
Family construction form	M12
Gender	female

Color contact carrier	black
Coding	A
No. of poles	12
PIN 1	GPIO 2
PIN 2	TXD
PIN 3	RXD
PIN 4	GPIO 1
PIN 5	Encoder In 1
PIN 6	Common In
PIN 7	24 V DC Out
PIN 8	0 V
PIN 9	Common Out
PIN 10	Trigger In 0
PIN 11	Out 0
PIN 12	Out 1
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
Commercial data	
customs tariff number	85389099
GTIN	4048879887342
Packaging unit	1