

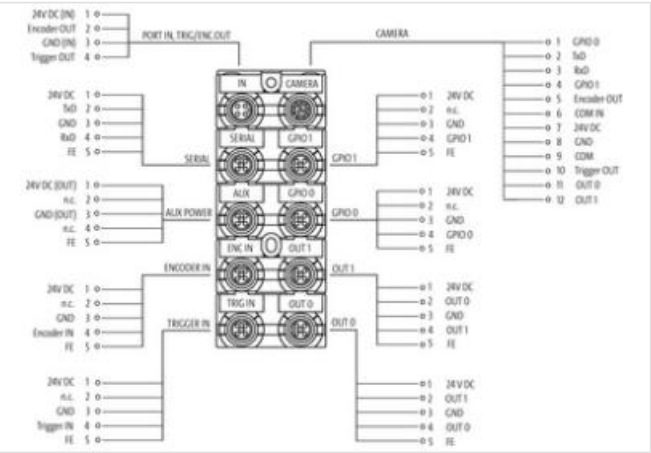
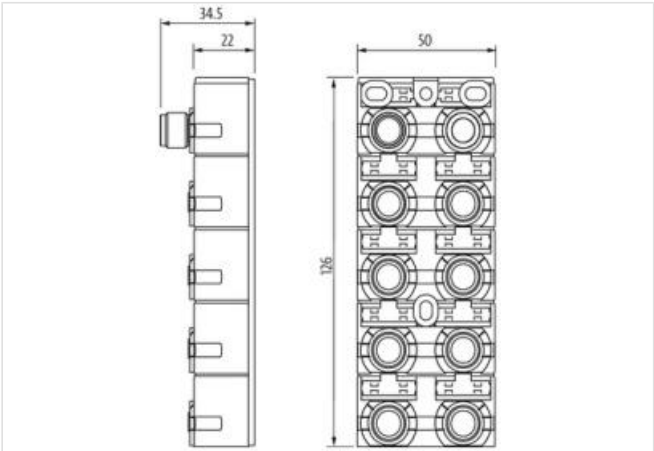
Master Breakout Box NPN

MVP12V-ON9F-NPGH

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

[Link naar het product](#)

Afbeelding



Product van afwijken van afbeelding



Electrical data	
Frequency max. (trigger/encoder)	50 kHz
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	110 mA

Electrical data | Output

Output current	2000 mA
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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

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
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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
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

Commerciële gegevens

Douane tarief nummer	85389099
GTIN	4048879887359
Verpakkingseenheid	1