

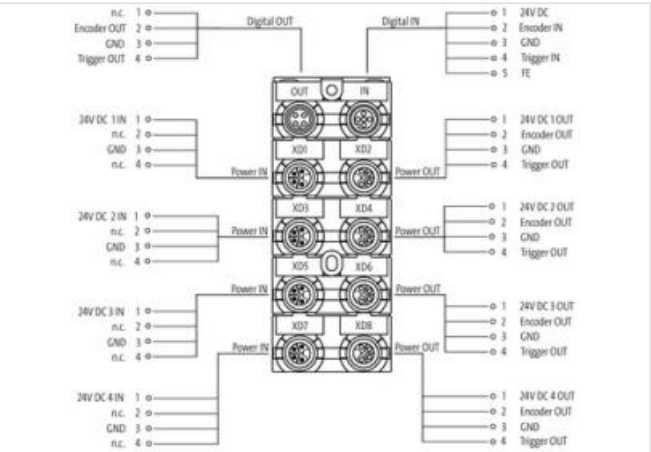
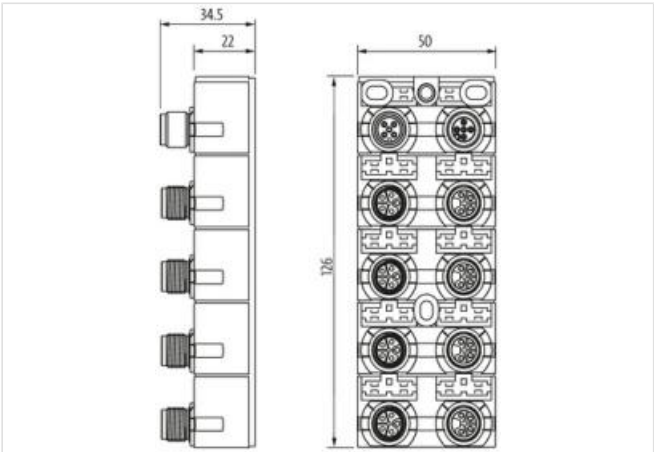
Injection Box

MVP12V-FN9F-GH

M12 plug connection
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 Supply	
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	28 V
Electrical data Output	
Output current	16000 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	254 g
Installation measurement	75 mm
Height	34,5 mm
Width	50 mm
Length	126 mm

Environmental characteristics | Electromagnetic compatibility

Interference emission	IEC 61000-6-4
Immunity to interference	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	UL2367 - Zusatz für Mico Port
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Connection type 4

Family construction form	M12
Gender	male
Color contact carrier	black
Coding	A
No. of poles	4
PIN 1	n.c.
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	5
PIN 1	24 V DC 1 Out
PIN 2	Encoder In
PIN 3	0 V
PIN 4	Trigger In
PIN 5	n.c.
Family construction form	M12

Gender	female
Color contact carrier	black
Coding	L
No. of poles	4
PIN 1	24 V DC 1 2 3 4 Out
PIN 2	Encoder Out
PIN 3	0 V
PIN 4	Trigger Out
Family construction form	M12
Gender	male
Color contact carrier	black
Coding	L
No. of poles	4
PIN 1	24 V DC 1 2 3 4 In
PIN 2	n.c.
PIN 3	0 V
PIN 4	n.c.

Commercial data

customs tariff number	85389099
GTIN	4048879887373
Packaging unit	1