

CUBE67+ Hygienic Design I/O EXTENSION MODULE

12 multif. channels + 4 IO-Link master V1.1

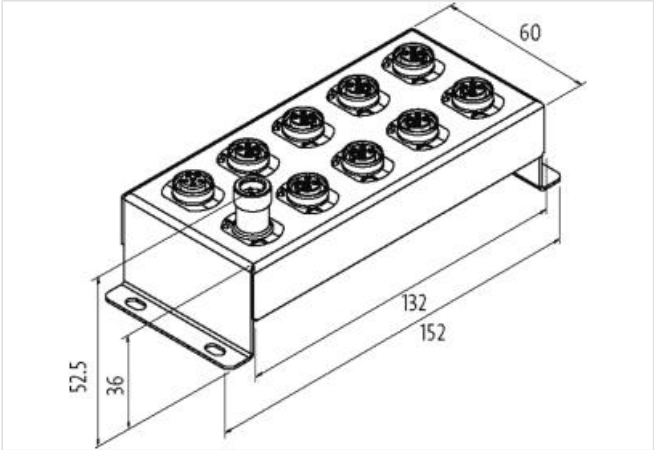
Expansion module
Connection cables are in the online shop under "Connection Technology".
DIO12 IOL4 (E) - 8× M12
IO-Link Master V1.1.2
Digital inputs/outputs (multifunctional)
Hygienic Design
Stainless steel, polished
Cube67+ modules can only be operated on Cube67+, EtherNet/IP, PROFIBUS + PROFINET bus nodes.
Housing fully potted.
Connection cable: F&B, F&B Pro, Steel

Link to Product

Illustration



Product may differ from Image





General product information

Compatible with: 56521; 56526; 56535

Commercial data

ECLASS-6.0	27242604
ECLASS-6.1	27242604
ECLASS-7.0	27242604
ECLASS-8.0	27242604
ECLASS-9.0	27242604
ECLASS-10.1	27242604
ECLASS-11.1	27242604
ECLASS-12.0	27242604
ETIM-5.0	EC001855
customs tariff number	85389099
GTIN	4048879697316
Packaging unit	1

Electrical data | Supply

Norm operating voltage	EN 61131-2
Operating voltage US DC	24 V
Operating voltage UA DC	24 V
Current consumption max.	100 mA
Total current UA max.	4 A
Total current US max.	4 A

Electrical data | Input

Type input	PNP, for 3-wire sensors or mechanical switches
Input filter time	1 ms
Sensor current US per input max.	0,2 A
Sensor current US per IO-Link port max.	0,7 A

Electrical data | Output

Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	1,6 A
Lamp load	30 W

Industrial communication | IO-Link

Automatic baudrate detection	yes
IO-Link process data length output	32 Bytes
IO-Link process data length input	32 Bytes
IO-Link revision ID	V1.1.2
IO-Link type	4x Master
IO-Link transmission rate	COM1, COM2, COM3
Port Class	A, B

Diagnostics

Actuator warning	per channel via LED and BUS
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
IO-Link events	No voltage, Undervoltage supply
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Overload diagnosis	yes

Device protection | Electrical

Degree of protection (ISO 20653:2013)	IP69K
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Mechanical data | Mounting data

Suitable for mounting type	4 hole screw mounting
Height	54 mm
Width	60 mm
Depth	152 mm

Environmental characteristics | Climatic

Operating temperature min.	0 °C
Operating temperature max.	55 °C
Storage temperature min.	-20 °C
Storage temperature max.	75 °C

Connection type 4

Connection type 1	Bus In
Connection type 2	Bus Out
Connection type 3	DIO
Connection type 4	DIO
Family construction form	M12
Gender	male

Color contact carrier	black
Coding	A
No. of poles	6
PIN 1	24 V DC (UA)
PIN 2	24 V DC (US)
PIN 3	0 V
PIN 4	Bus internal
PIN 5	Bus internal
PIN 6	0 V
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	6
PIN 1	24 V DC (UA)
PIN 2	24 V DC (US)
PIN 3	0 V
PIN 4	Bus internal
PIN 5	Bus internal
PIN 6	0 V
Family construction form	M12
Gender	female
Color contact carrier	gray
Coding	A
No. of poles	5
PIN 1	24 V DC (US)
PIN 2	DI / DO / Diag
PIN 3	0 V
PIN 4	IO-Link
PIN 5	0 V
Family construction form	M12
Gender	male
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	24 V DC (US)
PIN 2	DI / DO 0.x
PIN 3	0 V
PIN 4	DI / DO 1.x
PIN 5	PE