

CUBE67+ Hygienic Design I/O EXTENSION MODULE

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

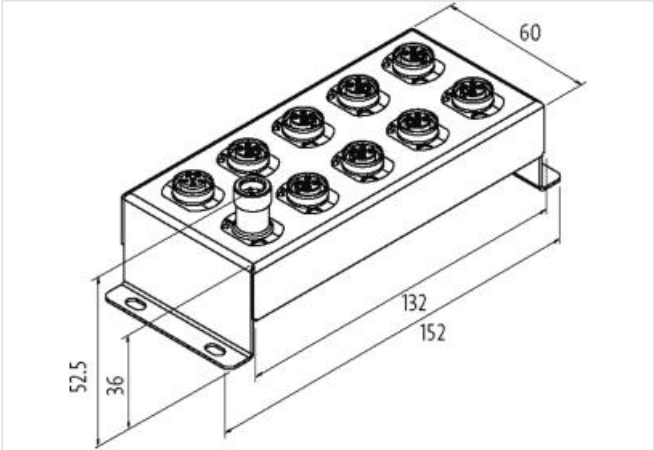
Expansion module
Connection cables are in the online shop under "Connection Technology".
DIO12 IOL4 (E) - 8× M12
IO-Link Master V1.1.2
Digital inputs/outputs (multifunctional)
Hygienic Design
Stainless steel, polished
Cube67+ modules can only be operated on Cube67+, EtherNet/IP, PROFIBUS + PROFINET bus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

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

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