

CUBE67+ I/O EXTENSION MODULE

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

Expansion module

Housing fully potted.

Cube67+ modules can only be operated on Cube67+, EtherNet/IP, PROFIBUS + PROFINET bus nodes.

DIO12 IOL4 (E) - 8x M12

IO-Link Master V1.1.2

Digital inputs/outputs (multifunctional)

Compatible with:

56521 ProfiBus

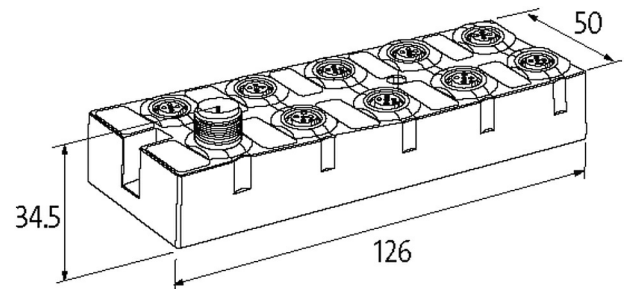
56526 ProfiNet

56535 EtherNet/IP

Connection cables are in the online shop under "Connection Technology".

[Link to Product](#)

Illustration



Product may differ from Image



General data

Mounting method	2-hole screw mounting
Temperature range	0...+55 °C (storage temperature -20...+75 °C)
Compatible with:	56521; 56526
Protection	IP67
Dimensions H×W×D	126×30×34.5 mm

Output

Lamp load	30 W
Actuator supply UA	24 V DC (EN 61131-2), via system connection (max. 4 A)
Switching current per output	max. 1.6 A (short-circuit and overload protected)

Input

Sensor supply US	24 V DC (EN 61131-2), max. 200 mA (port 0...3); max. 700 mA (port 4...7)
Type	for 3-wire sensors or mechanical switches, PNP
Input filter	1 ms

IO-Link

Specification	IO-Link Master V1.1.2
Port Class	Class A + B (not galvanically separated)
IO-Link	4x Master
Transfer parameters	32 Byte (In) 32 Byte (Out) per IO-Link port

Operating modes COM1; COM2; COM3 (automatic)

Internal communication

LED display US: sensor supply (green: OK); IOL: (green: OK); UA: actuator supply (green: OK)

Current consumption max. 100 mA

Parameterization

PIN 4 Input/Output (port 0...3); IO-Link Master (port 4...7)

PIN 2 Input/Output/Diagnostic

Connections

Fieldbus via internal system connection

Sensor-system/actuator supply via internal system connection (max. 2x 4 A)

I/O ports M12 (female) 5-pole, A-coded

Diagnostic

Communication status via LED

Diagnostic via LED per module and channel

Diagnostic via BUS per module and channel

Actuator warning per channel via LED and BUS

Monitoring - under voltage yes

Monitoring - no voltage yes

Short-circuit and overload yes

Commercial data

country of origin DE

customs tariff number 85389099

EAN 4048879581431

eClass 27242604

Packaging unit 1.000