Cube67 I/O Cable-Module, I/O Extension Module
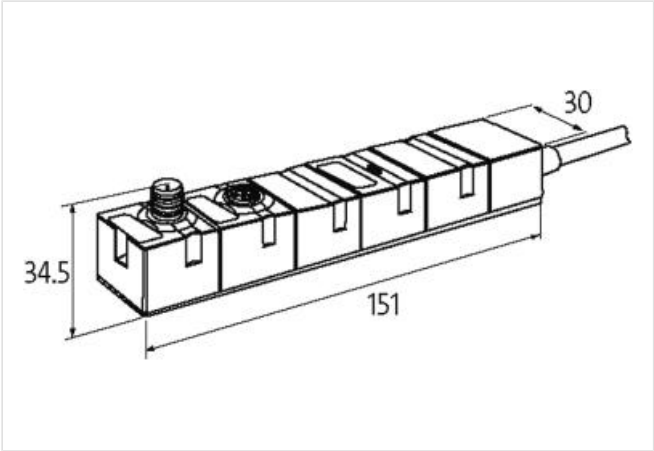
DIO16, Open-End, 1,5m

Expansion module
DIO16 - 0.5 A (E) 1.5 m (open cable)
With open ended wires
Digital inputs/outputs (multifunctional)
Connection cables are in the online shop under "Connection Technology".
Housing fully potted.

Link to Product

Illustration

Product may differ from Image

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	EC001599
customs tariff number	85444290
GTIN	4048879044899
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.	30 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
Current carrying capacity max.	0,5 A

Electrical data | Output

Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	0,5 A

Industrial communication

Parameterization I/O channels	Diagnoseeingang, Input, Output

Diagnostics

Actuator warning	per channel via BUS
Diagnostic	No voltage, Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Overload diagnosis	yes

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67

Mechanical data | Mounting data

Suitable for mounting type	2-hole screw mounting
Height	150 mm
Width	30 mm
Depth	34,5 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 3

Connection type 1	Bus In
Connection type 2	Bus Out
Connection type 3	Data
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	free cable end
Color contact carrier	gray
No. of poles	20
PIN 1	In / Out 1
PIN 2	In / Out 2
PIN 3	In / Out 3
PIN 4	In / Out 4
PIN 5	In / Out 5
PIN 6	In / Out 6
PIN 7	In / Out 7
PIN 8	In / Out 8
PIN 9	In / Out 9
PIN 10	In / Out 10
PIN 11	In / Out 11
PIN 12	In / Out 12
PIN 13	In / Out 13
PIN 14	In / Out 14
PIN 15	In / Out 15
PIN 16	In / Out 16
PIN 17	0 V
PIN 18	0 V
PIN 19	0 V
PIN 20	24 V DC Sensor