MURR ELEKTRONIK
stay connected

SOLID67 IOL8 30mm M12L 5P

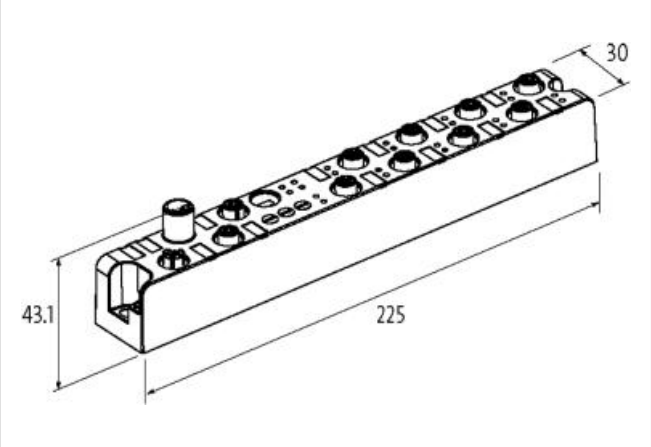
SOLID67 Multiprotocol Profinet or EthernetIP

IOL8
M12 Power, 5-pole, L-coded
30 mm
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	85389099
GTIN	4048879727693
Packaging unit	1

Electrical data | Supply

Norm operating voltage	EN 61131-2
Operating voltage US DC	24 V
Operating voltage UA DC	24 V
Total current UA max.	9 A
Total current US max.	9 A

Electrical data | Input

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Overload resistant	yes
Short-circuit protected	yes
Type input	PNP, for 3-wire sensors or mechanical switches, IO-Link Devices
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
Total current output max.	9 A
Industrial communication	
Supported protocol	PROFINET
Industrial communication | Ethernet/IP	
DLR (Device Level Ring)	yes
EtherNet/IP addressing	BOOTP, DHCP, Rotary switch
Industrial communication | Profinet	
Number of active connections (IO controller) max.	2
IRT (network communication)	yes
MRP client	yes
PROFINET Netload Class	II
PROFINET addressing	DCP
PROFINET conformance class	C
PROFINET specification	V2.3
Shared device/input	yes
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
IO-Link type	8× Master
IO-Link transmission rate	COM1, COM2, COM3
Port Class	A, B
Diagnostics	
Actuator warning	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
Cable break	per port
Overload diagnosis	yes
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP67
Galvanic separation (operating voltage)	yes
Mechanical data | Mounting data	
Suitable for mounting type	2-hole screw mounting
Height	43,1 mm
Width	30 mm
Depth	225 mm
Environmental characteristics | Climatic	
Operating temperature min.	-20 °C

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Operating temperature max.	70 °C
Connection type 5	
Connection type 1	X01, X02
Connection type 2	X03
Connection type 3	X04
Connection type 4	X1-X4
Connection type 5	X5-X8
Family construction form	M12
Gender	female
Color contact carrier	green
Coding	D
No. of poles	4
PIN 1	TD +
PIN 2	RD +
PIN 3	TD -
PIN 4	RD -
Family construction form	M12
Gender	male
Color contact carrier	gray
Coding	L
No. of poles	5
PIN 1	24 V DC (US)
PIN 2	0 V (UA)
PIN 3	0 V (US)
PIN 4	24 V DC (UA)
PIN 5	FE
Family construction form	M12
Gender	female
Color contact carrier	gray
Coding	L
No. of poles	5
PIN 1	24 V DC (US)
PIN 2	0 V (UA)
PIN 3	0 V (US)
PIN 4	24 V DC (UA)
PIN 5	FE
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	24 V DC
PIN 2	DI
PIN 3	0 V
PIN 4	SIO / IOL
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
PIN 2	24 V DC UA
PIN 3	0 V

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PIN 4	SIO / IOL
PIN 5	0 V UA

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