

SOLID67 IOL8(M8 5P) 30mm M12L 5P

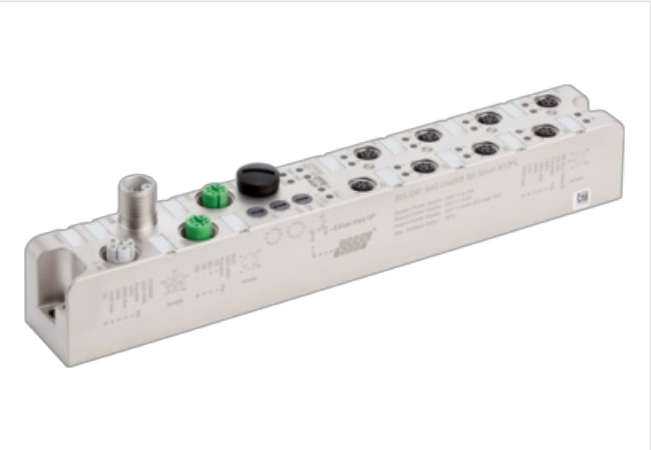
to be discontinued - Last Time Order: 2025-03-31

Art.No.: 54506
Weight: 0.458
Country of origin: DE
Model designation: SOLID67 IOL8(M8 5P) 30mm M12L 5P

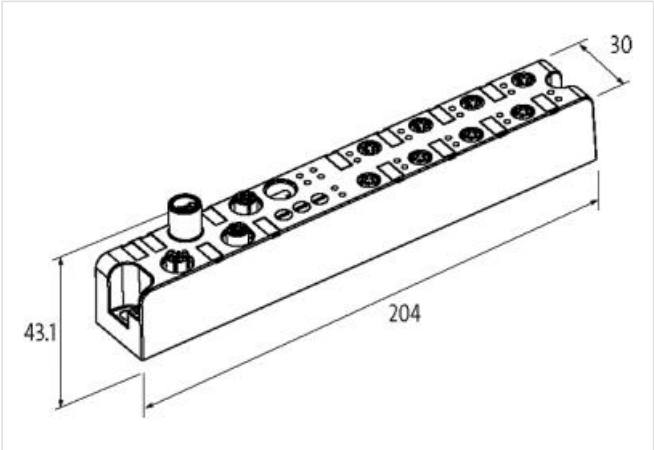
IOL8
M12 Power, 5-pole, L-coded
M8, 5-pole, B-coded
Connection cables are in the online shop under "Connection Technology".
Housing fully potted.

Link to Product

Illustration



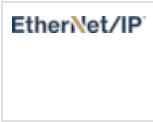
Product may differ from Image















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
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Packaging unit	1
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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	
Type input	PNP, for 3-wire sensors or mechanical switches, IO-Link Devices
Overload resistant	yes
Short-circuit protected	yes
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 outputs 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	
IO-Link type	8x Master
Port Class	A, B
IO-Link revision ID	V1.1
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	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	204 mm

Environmental characteristics | Climatic

Operating temperature min.	-20 °C
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	M8
Gender	female
Color contact carrier	black
Coding	B
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	M8
Gender	female
Color contact carrier	black
Coding	B
No. of poles	5
PIN 1	24 V DC
PIN 2	24 V DC UA
PIN 3	0 V
PIN 4	SIO / IOL
PIN 5	0 V UA