

SOLID67 DI8 DO8 60mm M12L 5P

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

Art.No.: 54501

Weight: 0.507 kg

Country of origin: DE

Model designation: SOLID67 DI8 DO8 60mm M12L 5P

Digital inputs/outputs

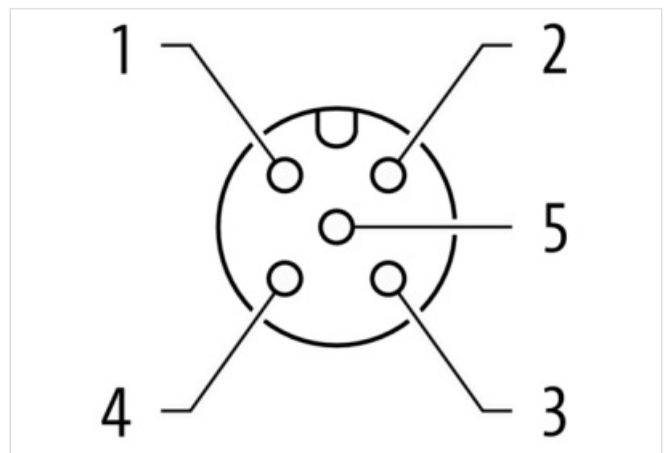
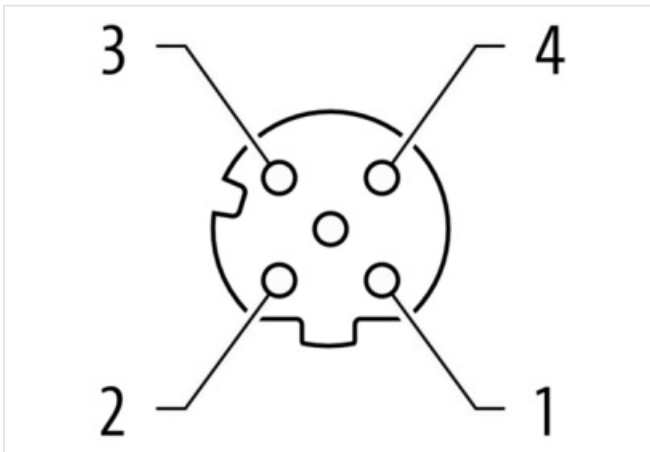
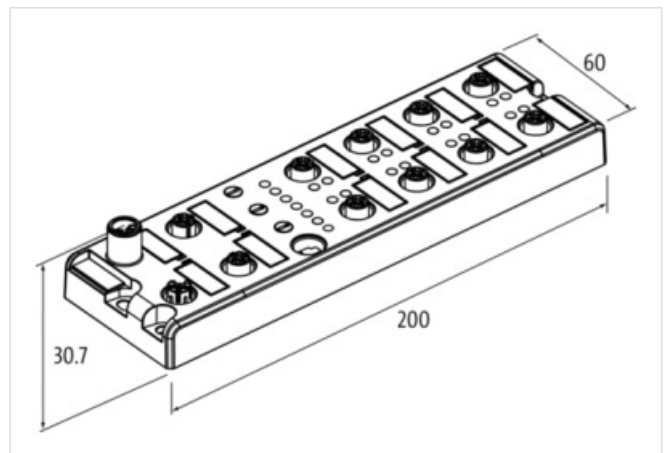
DI8 (DO8)

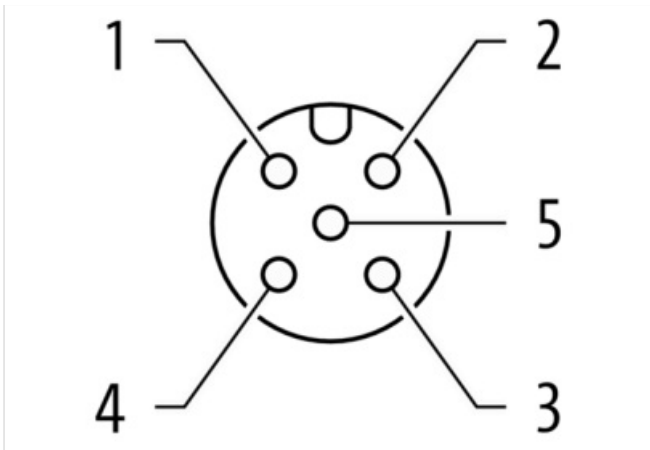
M12 Power, 5-pole, L-coded

60 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

URL Webshop	https://shop.murrelektronik.com/54501
GTIN	4048879727662
Customs tariff number	85389099
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
ETIM-6.0	EC001599
ETIM-7.0	EC001599
ETIM-8.0	EC001599
customs tariff number	85389099
EAN	4048879727662
Packaging unit	1

Electrical data | Supply

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

Electrical data | Input

Sensor current US per input max.	0,2 A
Short-circuit protected	Yes
Overload resistant	Yes
Type input	for 3-wire sensors or mechanical switches, PNP

Electrical data | Output

Output current per pin max.	2 A
Total current outputs max.	9 A

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-04-10

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Overload resistant	Yes
Short-circuit protected	Yes
Industrial communication Bus data	
Supported protocol	Profinet
Industrial communication Ethernet/IP	
Addressing	Rotary switch, BOOTP, DHCP
Device Level Ring (DLR)	Yes
Supports quick connection (QC) max.	500 ms
Industrial communication Profinet	
Conformance Class	C
addressing	DCP
Netload Class	III
Specification	V2.3
IRT-network communication	Yes
MRP client	Yes
Diagnostics	
Actuator warning	via LED and BUS
Short circuit diagnosis	Yes
Overload diagnosis	Yes
Cable break	per port
Diagnostic	No voltage, Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
LED display	Ethernet connection/data traffic
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Mechanical data Mounting data	
Height	30,7 mm
Width	60 mm
Depth	200 mm
Suitable for mounting type	2-hole screw mounting
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
No. of poles	4
Coding	D
Gender	female
Color contact carrier	green
PIN 1	TD +
PIN 2	RD +
PIN 3	TD -
PIN 4	RD -
Family construction form	M12
No. of poles	5

Coding	L
Gender	male
Color contact carrier	gray
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
No. of poles	5
Coding	L
Gender	female
Color contact carrier	gray
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
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	24 V DC (US)
PIN 2	DI B
PIN 3	0 V
PIN 4	DI A
PIN 5	PE
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	24 V DC (US)
PIN 2	DO B
PIN 3	0 V
PIN 4	DO A
PIN 5	PE