

SOLID67 DI16 60mm M12L 5P

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

Art.No.: 54500
Weight: 0.507
Country of origin: DE
Model designation: SOLID67 DI16 60mm M12L 5P

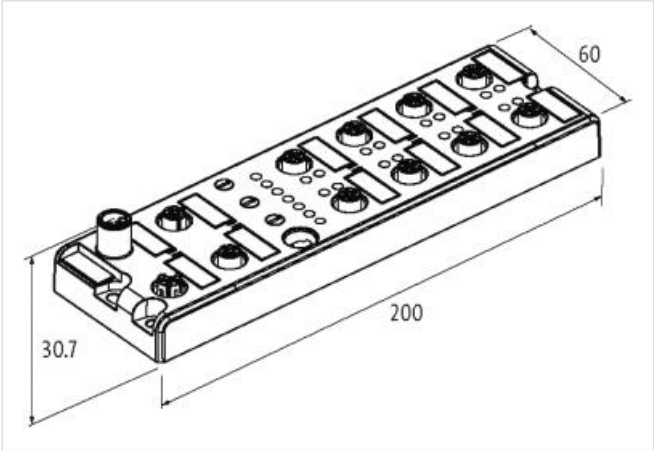
Digital inputs
DI16
M12 Power, 5-pole, L-coded
60 mm
Connection cables are in the online shop under "Connection Technology".
Housing fully potted.

Link to Product

Illustration



Product may differ from Image



Commercial data	
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
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
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
Overload resistant	yes
Short-circuit protected	yes
Sensor current US per input max.	0,2 A
Industrial communication	
Supported protocol	PROFINET
Industrial communication Ethernet/IP	
DLR (Device Level Ring)	yes
EtherNet/IP addressing	BOOTP, DHCP, Rotary switch
Supports quick connection (QC) max.	500 ms
Industrial communication Profinet	
IRT (network communication)	yes
MRP client	yes
PROFINET Netload Class	III
PROFINET addressing	DCP
PROFINET conformance class	C
PROFINET specification	V2.3
Diagnostics	
Actuator warning	via LED and BUS
Diagnostic	No voltage, Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
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
Mechanical data Mounting data	
Suitable for mounting type	2-hole screw mounting
Height	30,7 mm

Width	60 mm
Depth	200 mm

Environmental characteristics | Climatic

Operating temperature min.	-20 °C
Operating temperature max.	70 °C

Connection type 4

Connection type 1	X01, X02
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Connection type 2	X03
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Connection type 3	X04
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Connection type 4	X1-X8
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Family construction form	M12
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Gender	female
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Color contact carrier	green
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Coding	D
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No. of poles	4
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PIN 1	TD +
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PIN 2	RD +
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PIN 3	TD -
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PIN 4	RD -
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Family construction form	M12
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Gender	male
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Color contact carrier	gray
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Coding	L
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No. of poles	5
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PIN 1	24 V DC (US)
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PIN 2	0 V (UA)
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PIN 3	0 V (US)
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PIN 4	24 V DC (UA)
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PIN 5	FE
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Family construction form	M12
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Gender	female
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Color contact carrier	gray
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Coding	L
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No. of poles	5
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PIN 1	24 V DC (US)
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PIN 2	0 V (UA)
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PIN 3	0 V (US)
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PIN 4	24 V DC (UA)
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PIN 5	FE
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Family construction form	M12
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Gender	female
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Color contact carrier	black
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Coding	A
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No. of poles	5
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PIN 1	24 V DC (US)
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PIN 2	DI B
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PIN 3	0 V
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PIN 4	DI A
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PIN 5	PE
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