Weidmüller 3€

IE-SW-IP67-5M12

Product image

Weidmüller IP 67 switches are suitable for the most difficult of industrial applications thanks to their robust housing with protection class IP 67, which certifies against the ingress of dust, water and oil. The M12 connection system guarantees a secure connection between cable and switch under external disturbances such as vibration and shock.

- M12 connection system and IP 67 protected housing
- 10/100BaseT(X), 4-pin M12 (D-coded)
- Full/half-duplex mode and auto MDI/MDI-X
- Input voltage 12 to 45 VDC, 18 to 30 VAC

General ordering data

Version	Network switch, unmanaged, Fast Ethernet, Number of ports: 5 * M12 D coded, IP67 encapsulated, -25 °C...60
Order No.	1504410000
Type	IE-SW-IP67-5M12
GTIN (EAN)	4050118312324
Qty.	1 pc(s).

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IE-SW-IP67-5M12

Technical data

Dimensions and weights

Depth	29.6 mm	Depth (inches)	1.165 inch
Height	125 mm	Height (inches)	4.921 inch
Width	60 mm	Width (inches)	2.362 inch
Net weight	270 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...60
Humidity	5 to 95 % (non-condensing)		

EMC conformity and approvals

EMC standards	EN 55032, EN 55024, FCC Part 15 Subpart B Class A, IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV, IEC 61000-4-3 RS: 80 MHz to 1 GHz: 20 V/m, IEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kV, IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV, IEC 61000-4-6 CS: 10 V, IEC 61000-4-8	Free fall	According to IEC 60068-2-32
Safety standard	UL508	Shock	according to IEC 60068-2-27
Vibration	according to IEC 60068-2-6		

Environmental conditions

Humidity	5 to 95 % (non-condensing)	Operating temperature, max.	60
Operating temperature, min.	-25 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C		

Guarantee

Time interval	5 years

Interfaces

LED indicator		M12-Ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X connection, D-coded, 4-pole
	PWR, LNK/ACT		
Number of ports	5 * M12 D coded		

MTBF

MTBF		According to Standard	Telcordia (Bellcore), GB
		Operating time (hours), min.	370,224 h

Power supply

Connection type	1 x M12 socket, A-coded, Pin

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Technical data

Current consumption	0.12 A		
Overload current protection	1.1 A		
Reverse polarity protection	Available		
Voltage supply	24/36 V DC, 24 V AC		
Voltage supply range	Voltage type	DC	
	Voltage, min.	12 V	
	Voltage, max.	45 V	
	Voltage type	AC	
	Voltage, min.	18 V	
	Voltage, max.	30 V	

Technical data

Housing main material	Plastic	Protection degree	IP67 encapsulated
Speed	Fast Ethernet	Switch	unmanaged
Type of mounting	Wall mounting, when screwed in		

Technology

Data switching	Store and Forward	Flow control	IEEE 802.3x flow control, Back pressure flow control
Standard	IEEE 802.3 for 10BaseT, IEEE 802.3u for 100BaseT(X), IEEE 802.3x for flow control		

Classifications

ETIM 6.0	EC000734	ETIM 7.0	EC000734
ETIM 8.0	EC000734	ETIM 9.0	EC000734
ECLASS 9.0	19-17-01-06	ECLASS 9.1	19-17-01-06
ECLASS 10.0	19-17-04-02	ECLASS 11.0	19-17-04-02
ECLASS 12.0	19-17-04-02	ECLASS 13.0	19-17-04-02

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	9229992a-00b9-4096-8962-200a7f33e289

Approvals

Approvals

CE c(UL)us LISTED UKCA

ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

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Technical data

Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity UK Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Hardware Installation Guide
Catalogues	Catalogues in PDF-format
Brochures	

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Accessories

Straight

Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly.
Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.
The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

Type	SAIB-5/7	Version	
Order No.	9457250000	Field attachable connector, M12, Female socket, straight	
GTIN (EAN)	4032248155774		
Qty.	1 pc(s).		

Dragline cable Cat.5 PUR - RJ45 IP20 / M12 IP67 straight male

Assembled IE cables, PROFINET, Cat. 5, PUR, green, drag-chain compatible, M12-RJ45

General ordering data

Type	IE-C5DD4UG0030MCSA70-E	Version	
Order No.	1044470030	Dragline cable, PROFINET, M12 D-code – IP 67 straight pin, RJ45 IP	
GTIN (EAN)	4032248779079	20, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PUR, 3 m	
Qty.	1 pc(s).		

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Accessories

Screwty® cable gland tool with torque function

The ideal tool for any application

Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Type	SCREWTY SET -DM	Version		Packaging
Order No.	1920000000	Cable gland tool for M8, M12 lines and connectors		Cardboard
GTIN (EAN)	4032248436859			box
Qty.	1 pc(s).			

PUR halogen-free black (U)

Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.
Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.
Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Type	SAIL-M12GM12G-5-3.0U	Version
Order No.	9457340300	Sensor/actuator line, Connecting line, M12 / M12, Number of poles :
GTIN (EAN)	4008190311896	5, 3 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No

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Accessories

M12 straight male - M12 straight male

Assembled IE cables, PROFINET, Cat. 5, PUR, green, drag-chain compatible, M12

General ordering data

Type	IE-C5DD4UG0030MCSMCS-E	Version
Order No.	1025950030	Dragline cable, PROFINET, M12 D-code – IP 67 straight pin, M12 D-
GTIN (EAN)	4032248776061	code – IP 67 straight pin, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-
Qty.	1 pc(s).	B), PUR, 3 m

PUR halogen-free black (U)

Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.
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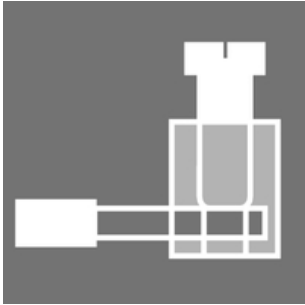
General ordering data

Type	SAIL-M12BG-5-3.0U	Version
Order No.	9457910300	Sensor/actuator line, One end without connector, M12, Number of
GTIN (EAN)	4032248228843	poles : 5, 3 m, Female socket, straight, Shielded: No, LED: No, Sheath
Qty.	1 pc(s).	material: PUR, Halogen: No

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Accessories

Screw connection

M12 plug-in connector in IP 67 available with crew or tension clamp connection

General ordering data

Type	SAISM-4/8S-M12-4P D-COD	Version	
Order No.	1892120000	Field attachable connector, M12, pin, straight	
GTIN (EAN)	4032248569380		
Qty.	1 pc(s).		

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Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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