

## IE-SW-IP67-5M12

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

### 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.	<a href="#">1504410000</a>
Type	IE-SW-IP67-5M12
GTIN (EAN)	4050118312324
Qty.	1 items

**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E141197

**Dimensions and weights**

Depth	29.6	Depth (inches)	1.1654 inch
Height	125 mm	Height (inches)	4.9212 inch
Width	60 mm	Width (inches)	2.3622 inch
Net weight	270 g		

**Temperatures**

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

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	9229992a-00b9-4096-8962-200a7f33e289

**EMC conformity and approvals**

Free fall	According to IEC 60068-2-32	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
Vibration	according to IEC 60068-2-6	Shock	according to IEC 60068-2-27
Safety standard	UL508		

**Environmental conditions**

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

**Guarantee**

Time interval	5 years
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**Technical data**

**Interfaces**

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

**MTBF**

MTBF	According to Standard	Telcordia (Bellcore), GB
	Operating time (hours), min.	370224 h

**Power supply**

Reverse polarity protection	Available	
Current consumption	0.12 A	
Supply voltage	24/36 V DC, 24 V AC	
Overload current protection	1.1 A	
Connection type	1 x M12 socket, A-coded, Pin	
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

**Switch characteristics**

MAC table size	2 K	Packet buffer size	384 kBit
Bandwidth backplane	1 Gbit/s		

**Technical data**

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

**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 8.0	EC000734	ETIM 9.0	EC000734
ETIM 10.0	EC000734	ECLASS 14.0	19-17-04-02
ECLASS 15.0	19-17-04-02		