

IE-SW-IP67T-5M12

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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, -40 °C...75
Order No.	1504420000
Type	IE-SW-IP67T-5M12
GTIN (EAN)	4050118312348
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

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	-40 °C...75
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.	75	Operating temperature, min.	-40 °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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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		