

## IE-SW-IP67-8FEM12

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

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



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: 8x M12 D-coded 4 pin female connector, IP67 encapsulated, EN 50155, -40 °C...75 °C
Order No.	<a href="#">3130670000</a>
Type	IE-SW-IP67-8FEM12
GTIN (EAN)	4099987321471
Qty.	1 items

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

Depth	30 mm	Depth (inches)	1.1811 inch
Height	200 mm	Height (inches)	7.874 inch
Width	62 mm	Width (inches)	2.4409 inch
Net weight	759 g		

**Temperatures**

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...75 °C
Humidity	5 to 95 % (non-condensing)		

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cI
REACH SVHC	Lead 7439-92-1

**EMC conformity and approvals**

Free fall	According to IEC 60068-2-31	EMC standards	EN 55032, EN 55035, 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
Vibration	according to IEC 60068-2-6	Shock	according to IEC 60068-2-27
Railway	EN 50121-1, EN 50121-4, EN 50121-3-2, EN 50155, EN 61373 Body mounted Class B	Safety standard	EN IEC 62368-1

**Environmental conditions**

Operating temperature, max.	75 °C	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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## Technical data

### Interfaces

Number of ports	8x M12 D-coded 4 pin female connector	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 SR-332
	Operating time (hours), min.	869332 h
	Ambient temperature	25 °C

### Management features

Network traffic filter	Quality of Service (QoS)	Industrial protocol support	PROFINET device acc. to conformance class A
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### Power supply

Reverse polarity protection	Yes	
Supply voltage	24/48/110 V DC, 1 single input	
Overload current protection	Yes	
Connection type	1x M12 A-coded 4 pin male connector	
Voltage supply range	Voltage type	DC
	Voltage, min.	16 V
	Voltage, max.	165 V
Current consumption	Voltage	24 V
	Current	0.06 A
	Voltage type	DC
	Voltage	48 V
	Current	0.03 A
	Voltage type	DC
	Voltage	110 V
	Current	0.02 A
	Voltage type	DC

### Switch characteristics

Priority queues	4	MAC table size	2 K
Packet buffer size	768 kbit	Bandwidth backplane	1.6 Gbit/s

### Technical data

Housing main material	Aluminum	Type of mounting	Wall mounting
Protection degree	IP67 encapsulated	Speed	Fast Ethernet
Switch	unmanaged		

### Technology

Data switching Standard	Store and Forward IEEE 802.3 for 10BASE-T, IEEE 802.3u for 100BaseT(X), IEEE 802.3x for flow control, IEEE 802.1p for Class	Flow control	IEEE 802.3x flow control
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**Technical data**

of Service / Quality of  
Service (CoS/QoS)

**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		