

## IE-SW-BL08-8TX

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Product image



- Variations with 5 or 8 ports
- Variations for Gigabit Ethernet
- Sturdy metal housing
- Compact design
- Two redundant power inputs 12/24/48 V DC
- Variations with copper and fibre-optic interface (multi-mode and singlemode)
- Extensive approvals: CE, FCC, cULus, Class I Div. 2 / ATEX Zone 2, DNV-GL

## General ordering data

Version	Network switch, unmanaged, Fast Ethernet, Number of ports: 8x RJ45, IP30, -10 °C...60 °C
Order No.	<a href="#">1240900000</a>
Type	IE-SW-BL08-8TX
GTIN (EAN)	4050118028911
Qty.	1 items

**IE-SW-BL08-8TX**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E141197
Certificate no. (cULusEX)	E223527

**Dimensions and weights**

Depth	70 mm	Depth (inches)	2.7559 inch
Height	114 mm	Height (inches)	4.4882 inch
Width	50 mm	Width (inches)	1.9685 inch
Net weight	275 g		

**Temperatures**

Storage temperature	-40 °C...85 °C	Operating temperature	-10 °C...60 °C
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**

Explosive risk zone	UL/cUL, Class I, Division 2, Groups A, B, C and D, ATEX Zone 2 Ex ec IIC T4 Gc, EN IEC 60079-0, EN IEC 60079-7	Free fall	According to IEC 60068-2-32
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 - 6 GHz: 10 V/m, IEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kV, IEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kV, IEC 61000-4-6 CS: 10 V, IEC 61000-4-8 PFMF: 100A/m	Vibration	according to IEC 60068-2-6
Shock	according to IEC 60068-2-27	Ship use	DNV
Safety standard	UL508		

**Environmental conditions**

Operating temperature, max.	60 °C	Operating temperature, min.	-10 °C
Humidity	5 to 95 % (non-condensing)	Storage temperature, max.	85 °C

Creation date 19.02.2026 07:12:18 MEZ

Catalogue status / Drawings

## IE-SW-BL08-8TX

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Technical data

Storage temperature, min. -40 °C

### Guarantee

Time interval 5 years

### Interfaces

RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port	Function DIP switch	1x for enabling/disabling the broadcast storm protection
Number of ports	8x RJ45	LED indicator	PWR1, PWR2, 10/100M (TP-Port)

### MTBF

MTBF	According to Standard	Telcordia (Bellcore), GB
	Operating time (hours), min.	2701531 h

### Power supply

Reverse polarity protection	Available		
Supply voltage	12/24/48 V DC, 2 redundant inputs		
Current consumption	0.13 A at 24 V		
Overload current protection	1.1 A		
Connection type	1 removable 4-pin terminal block		
Voltage supply range	Voltage type	DC	
	Voltage, min.	9.6 V	
	Voltage, max.	60 V	

### Switch characteristics

MAC table size	2 K	Packet buffer size	768 kBit
Bandwidth backplane	1.6 Gbit/s		

### Technical data

Housing main material	Aluminium	Type of mounting	DIN rail
Protection degree	IP30	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		