

## Industrial Ethernet IE-SW-VL08-8GT

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



The Value Line from Weidmüller consists of unmanaged and managed switches in a high-quality IP 30 protected metal housing. The equipment can be delivered with Fast Ethernet and Gigabit Ethernet ports. Value Line managed switches support a variety of helpful management functions, such as fast ring redundancy, port-based VLAN, QoS, RMON, bandwidth management, port mirroring and error notification via e-mail or a relay. The ring redundancy can be simply set via the web based management interface, or with a dip switch found on the top of the switch.

- Unmanaged Plug & Play switches in a high-quality metal housing (IP 30)
- Price-conscious middle-range
- Managed switches for the entry into a configurable network infrastructure
- Unmanaged full Gigabit switch with 8 ports
- Approvals: CE, FCC, cULus, Class I Div. 2 / ATEX, DNV / GL

### General ordering data

Type	IE-SW-VL08-8GT
Order No.	<a href="#">1241270000</a>
Version	Network switch, unmanaged, Gigabit Ethernet, Number of ports: 8 * RJ45 10/100/1000BaseT(X), IP30, 0 °C...60 °C
GTIN (EAN)	4050118029284
Qty.	1 pc(s).

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**Technical data**
**Dimensions and weights**

Width	53.6 mm	Width (inches)	2.11 inch
Height	135 mm	Height (inches)	5.315 inch
Depth	105 mm	Depth (inches)	4.134 inch
Weight	630 g	Net weight	850 g

**EMC conformity and approvals**

EMC standards	FCC Part 15 Subpart B Class A, EN 55022 Class A, EN 61000-4-2 (ESD), Stage 3, EN 61000-4-3 (RS), Stage 3, EN 61000-4-4 (EFT), Stage 3, EN 61000-4-5 (surge voltage), Stage 3, EN 61000-4-6 (CS), Stage 3	Explosive risk zone	UL/cUL, Class I, Division 2, Groups A, B, C and D, ATEX Zone 2 Ex nA nC IIC T4 Gc
Free fall	according to IEC 60068-2-32	Security	UL508
Ship use	DNV, GL	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 °C
Operating temperature, min.	0 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C		

**Guarantee**

Time interval	5 years
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**Interfaces**

Alarm contact	1 relay output with a current capacity of 1 A at 24 V DC	DIP switch	Port surveillance, Broadcast storm protection enable/disable, Enable/disable jumbo frame support
LED indicator	PWR1, PWR2, FAULT, 10/100/1000M	Number of ports	8 * RJ45 10/100/1000BaseT(X)
RJ45 ports	10/100/1000BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port		

**MTBF**

MTBF	325,000 hrs	MTBF	Telcordia (Bellcore), GB
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**Technical data****Power supply**

Connection type	1 removable 6-pin terminal block	Current consumption	0.32 A at 24 V
Reverse polarity protection	Available	Supply voltage	12/24/48 V DC, 2 redundant inputs
Supply voltage, max	60 V DC	Supply voltage, min.	9.6 V DC

**Switch characteristics**

Jumbo frame support	up to 9.6 KB	MAC table size	8 K
Packet buffer size	1,408 Kbit		

**Technical data**

Housing main material	metal	Protection degree	IP30
Type of mounting	Mounting rail, Panel (with optional mounting kit)		

**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) und 100BaseFX, IEEE 802.3ab for 1000BaseT(X), IEEE 802.3x for flow control		

**Classifications**

ETIM 4.0	EC002598	ETIM 5.0	EC002598
ETIM 6.0	EC000734	eClass 6.2	19-17-01-06
eClass 7.1	19-17-01-06	eClass 8.1	19-17-01-06
eClass 9.0	19-17-01-06	eClass 9.1	19-17-01-06

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CC-Link IE Field Certificate DE_PN4800_160418_005.pdf</a>
Brochure/Catalogue	<a href="#">CAT 9 IETH 15/16 EN</a>
User Documentation	<a href="#">Hardware Installation Guide</a>