Industrial Ethernet
IE-SW-VL08-8GT

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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.	1241270000
Version	Network switch, unmanaged, Gigabit Ethernet, Number of ports: 8 * RJ45 10/100/1000BaseT(X), IP 30, 0 °C...+60 °C
GTIN (EAN)	4050118029284
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Width	53.6 mm	Height	135 mm
Depth	105 mm	Weight	630 g
Net weight	850 g		

EMC conformity and approvals

EMC standards	FCC Part 15, CISPR (EN55022) Class A, EN 61000-4-2 (ESE), 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 nC IIC
Free fall	IEC 60068-2-32	Security	UL508
Ship use	DNV, GL	Shock resistance IEC 60068-2-27	Available
Vibration resistance IEC 60068-2-6	Available		

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

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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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, 9.6 to 45 V DC, 2 redundant inputs

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	IP 30
Type of mounting	Mounting rail		

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 802.3z for 1000BaseX, IEEE 802.3x for flow control		

Classifications

eClass 6.2	19-17-01-06	eClass 7.1	19-17-01-06

Approvals

Approvals	
ROHS	Conform

Downloads

Package insert	Hardware Installation Guide
Declaration of Conformity	K4190113.pdf
3D Modell	