

Industrial Ethernet IE-SW-VL08MT-5TX-3SC

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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-VL08MT-5TX-3SC
Order No.	1240970000
Version	Network switch, managed, Fast Ethernet, Number of ports: 5x RJ45, 3 * SC Multi-mode, IP 30, -40 °C...+75 °C
GTIN (EAN)	4050118028843
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Width	53.6 mm	Height	135 mm
Depth	105 mm	Weight	890 g
Net weight	890 g		

Downloads

Firmware	Version 2.7.24	Manual	Manual
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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, EN 61000-4-8	Explosive risk zone	
Free fall	IEC 60068-2-32	Security	UL/cUL, Class I, Division 2, Groups A, B, C and D UL508, UL60950-1, CSA C22.2 No. 60950-1, EN60950-1
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.	75 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	85 °C
Storage temperature, min.	-40 °C		

Fibre optic 100BaseFX

Link budget multimode	12 dB	Max. TX multi-mode	-10 dBm
Min. TX multi-mode	-20 dBm	Receive sensitivity multi-mode	-32 dBm
System reserve multi-mode		Typical distances multi-mode	5 km (50/125 µm multi-mode cable), 4 km (62.5/125 µm multi-mode cable)
	-6 dBm		
Wavelength multi-mode	1,300 nm		

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	Console port interface	RS-232
DIP switch	Turbo-Ring, Master, Coupler, Reserve	Fibre-optic ports	100BaseFX ports (SC connector), Multimode
LED indicator	PWR1, PWR2, FAULT, MSTR/HEAD, CPLR/TAIL, 10/100M (TP-Port), 100M (Glasfaser-Port)	Number of ports	5x RJ45, 3 * SC Multimode
RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port		

MTBF

MTBF	1,102,850 hrs	MTBF	Telcordia (Bellcore), GB
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Order data

Number of ports	5x RJ45, 3 * SC Multimode	Operating temperature	-40 °C...+75 °C
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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	24 V DC, 12 bis 45 V DC, 2 redundant inputs
Turn-on current limit	Existing		

Switch characteristics

MAC table size	8 K	Packet buffer size	1 Mbit
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Technical data

Housing main material	metal	Protection degree	IP 30
Type of mounting	Mounting rail		

Technology

Flow control	IEEE 802.3x flow control, Back pressure flow control	MIB	MIB-II, Ethernet-Like MIB, P-BRIDGE MIB, Bridge MIB, RSTP MIB, RMON MIB Group 1, 2, 3, 9
Protocol	IGMPv1/v2, GMRP, GVRP, SNMPv1/v2c/v3, DHCP Server/Client, TFTP, SNTP, SMTP, RARP, RMON, HTTP, Telnet, Syslog, DHCP option 66/67/82, BootP, LLDP, Modbus/TCP, IPv6	Standard	IEEE 802.3 for 10BaseT, IEEE 802.3u for 100BaseT(X) und 100BaseFX, IEEE 802.3x for flow control, IEEE 802.1D for the Spanning Tree protocol, IEEE 802.1w for Rapid STP, IEEE 802.1p for Class of Service, IEEE 802.1Q for VLAN tagging

Datenblatt

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Classifications

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

Approvals



ROHS Conform

Downloads

Manual	Manual
Package insert	Hardware Installation Guide
Declaration of Conformity	K4200213.pdf
SNMP MIB file	SNMP MIB file
Tools	Managed Switch Configuration Utility
Firmware	Version 2.7.24
3D Modell	