

Industrial Ethernet IE-SW-VL08T-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-VL08T-8GT |
| Order No. | 1286860000 |
| Version | Network switch, unmanaged, Gigabit Ethernet, Number of ports: 8 * RJ45 10/100/1000BaseT(X), IP 30, -40 °C...+75 °C |
| GTIN (EAN) | 4050118077803 |
| Qty. | 1 pc(s). |

Industrial Ethernet IE-SW-VL08T-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

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. | 75 °C |
| Operating temperature, min. | -40 °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 |
|------|-------------|------|--------------------------|

Order data

| | | | |
|-----------------|------------------------------|-----------------------|-----------------|
| Number of ports | 8 * RJ45 10/100/1000BaseT(X) | Operating temperature | -40 °C...+75 °C |
|-----------------|------------------------------|-----------------------|-----------------|

**Industrial Ethernet
IE-SW-VL08T-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

Technische Daten

Power supply

| | | | |
|-----------------|---|-----------------------------|-----------|
| Connection type | 1 removable 6-pin terminal block | 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 |
|---------------------|--------------|----------------|-----|

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 |