

**Industrial Ethernet  
IE-SW-EL08-8GT-MINI**

**Weidmüller Interface GmbH & Co. KG**  
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**Features of EcoLine unmanaged Switch series**

- Huge variety of port count and media type enable a wide range of applications (5 to 24 ports)
- Models supporting Gigabit Ethernet including Jumbo Frame support for applications with high demand on bandwidth and latency
- Suitable for use in harsh industrial environment thanks to rugged design and wide operating temperature range of -40°C up to 75°C
- Reliable operation due to redundant voltage inputs, fault relay and LED diagnostics

**General ordering data**

Type	IE-SW-EL08-8GT-MINI
Order No.	<a href="#">2705000000</a>
Version	Network switch, unmanaged, Gigabit Ethernet, Number of ports: 8x RJ45, IP30, -40 °C...75 °C
GTIN (EAN)	4050118740936
Qty.	1 pc(s).

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

Width	41 mm	Width (inches)	1.614 inch
Height	95 mm	Height (inches)	3.74 inch
Depth	90 mm	Depth (inches)	3.543 inch
Net weight	850 g		

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**EMC conformity and approvals**

EMC standards	EN 55032, EN 55024, CISPR 32, FCC Part 15 Subpart B Class A, IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV, IEC 61000-4-3 RS: 80 MHz bis 1 Ghz: 3 V/m, IEC 61000-4-4 EFT: Power: 0.5 kV; Signal: 0.5 kV, IEC 61000-4-5 Surge: Power: 0,5 kV; Signal: 1 kV, IEC 61000-4-6 CS: 3 Vrms	Shock	according to IEC 60068-2-27
Vibration	according to IEC 60068-2-6	Free fall	According to IEC 60068-2-31

**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**

LED indicator	Power LED: PWR1, PWR2, Port LED: LNK/ACT, 10/100/1000M (RJ45 port)	Number of ports	8x RJ45
RJ45 ports	10/100/1000BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port		

**Power supply**

Connection type	1 removable 4-pin terminal block		
Overload current protection	Yes		
Reverse polarity protection	Yes		
Voltage supply	24 V DC, 2 redundant inputs		
Voltage supply range	Voltage type	DC	
	Voltage, min.	12 V	
	Voltage, max.	48 V	

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**Technical data**
**Switch characteristics**

Bandwidth backplane	16 Gbps	Jumbo frame support	up to 9 KB
MAC table size	4 K	Packet buffer size	1.5 Mbit

**Technical data**

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

**Technology**

Data switching	Store and Forward	Flow control	IEEE 802.3x flow control
Standard	IEEE 802.3 for 10BaseT, IEEE 802.3u for 100BaseT(X), IEEE 802.3ab for 1000BaseT(X), IEEE 802.3x for flow control		

**Classifications**

ETIM 6.0	EC000734	ETIM 7.0	EC000734
eClass 9.0	19-17-01-06	eClass 9.1	19-17-01-06
eClass 10.0	19-17-04-02		

**Approvals**

ROHS	Conform
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**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity</a>
User Documentation	<a href="#">Hardware Installation Guide</a>