

**Industrial Ethernet  
IE-SW-BL05-5TX**

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Weidmüller's Basic Line consists of unmanaged Plug & Play switches in a robust IP 30 protected aluminium housing. The devices are available with Fast Ethernet and Gigabit Ethernet ports. They offer a cost-effective solution for industrial Ethernet networks. One variety is fitted with Fast Ethernet and Power-over-Ethernet ports. All devices have been developed for use in harsh industrial environments and have international approvals such as CE, cULus, Class I Div. 2 /Atex and DNV/ GL and therefore able to be used in many applications internationally.

- Plug & Play switches in a rugged aluminium housing
- Compact design
- Switches for an economical entry solution
- Fast Ethernet versions with 5 and 8 ports
- Models with copper or fibre optic interface (multi-mode and single mode)
- Full Gigabit Plug and Play switch with 5 ports
- Power over Ethernet (PoE) Switch with 6 Fast Ethernet ports, 4 of them PoE+ ports
- Approvals: CE, FCC, cULus, Class I Div. 2 / ATEX, DNV / GL

**General ordering data**

Order No.	<a href="#">1240840000</a>
Type	IE-SW-BL05-5TX
Version	Network switch, unmanaged, Fast Ethernet, Number of ports: 5x RJ45, IP 30, -10 °C...+60 °C
GTIN (EAN)	4050118028737
Qty.	1 pc(s).

**Industrial Ethernet  
IE-SW-BL05-5TX**
**Technical data**
**Dimensions**

Length	70 mm	Width	30 mm
Height	115 mm	Weight	175 g

**Accessories**

Accessories	Kit for 19"-rack mounting
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**Approvals**

EMC standards	FCC Part 15, CISPR (EN55022) Class A, EN61000-4-2 (ESE), Stage 3, EN61000-4-3 (RS), Stage 3, EN61000-4-4 (EFT), Stage 3, EN61000-4-5 (Surge voltage), Stage 3, EN61000-4-6 (CS), Stage 3, EN61000-4-8, EN61000-4-11	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		

**Basic operation**

Connection type	1 removable 4-pin terminal block
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**Environmental conditions**

Humidity	5 to 95% (non-condensing)
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**Guarantee**

Time interval	5 years
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**Interfaces**

DIP switch	Broadcast storm protection enable/disable	LED indicator	Versorgung, 10/100M (TP-Port)
RJ45 ports	10/100BaseT(X), auto negotiation, Full-/half-duplex mode, Auto MDI/MDI-X port		

**MTBF**

MTBF	425,000 h	MTBF	Telcordia (Bellcore), GB
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**Order data**

Number of ports	5x RJ45	Operating temperature	-10 °C...+60 °C
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**Industrial Ethernet  
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**Technical data**
**Power supply**

Connection type	1 removable 4-pin terminal block	Current consumption	0.1 A at 24 V
Reverse polarity protection	Available	Supply voltage	12/24/48 V DC, 9.6 to 60 V DC, 18 bis 30 VAC, 47 to 63 Hz, 2 redundant inputs
Turn-on current limit	1.1 A		

**Switch characteristics**

MAC table size	1 K	Packet buffer size	512 Kbit
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**Technical data**

Housing main material	Aluminium	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) and 100BaseFX, IEEE 802.3x for flow control		

**Classifications**

ETIM 4.0	EC002598	eClass 6.0	19-17-01-06
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**Approvals**

Approvals	CE; CULUS; CULUSEX; DEMKOATEX; DETNORVER; GERMLLOYD; GOSTME25
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