

**Industrial Ethernet  
IE-BI-USB-AB**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



FrontCom® Vario integrates multiple functions in only one single frame. The system is easy to install and you can select from a wide range of data, signal and power modules. In addition to being extremely compact, FrontCom® Vario offers a number of unique product features that will make your project planning and work activities secure, fast and future-proof. Furthermore, the FrontCom® Vario system has an attractive housing design that, by the way, offers highest impact-resistance and fully meets the requirements of IP 65 protection class.

**General ordering data**

Type	IE-BI-USB-AB
Order No.	<a href="#">1131380000</a>
Version	USB insert, Flange insert, type AB
GTIN (EAN)	4032248911844
Qty.	10 pc(s).

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**Technical data**

**Dimensions and weights**

Net weight 16.7 g

**Temperatures**

Humidity	0...93 % rel. humidity	Operating temperature, max.	70 °C
Operating temperature, min.	-40 °C	Operating temperature	-40 °C...70 °C
Storage temperature		Installation temperature	

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**General data**

Insert type	Insert data SteadyTec	Product type	USB insert
Protection degree	IP67 with housing		

**General Info**

Connection 1	USB A	Connection 2	USB B
Description of article	Flange insert, type AB	Wiring	Typ A-B
Colour	black	Humidity	0...93 % rel. humidity
Housing main material	PC UL 94 V0	Shielding	360° all-round enclosure
Protection degree	IP67 with housing	Plugging cycles	≥ 1500

**Electrical properties**

Contact resistance	≤ 30 mΩ	Current-carrying capacity up to 90 °C	3 A
Dielectric strength, contact / shield	≥ 500 V DC	Insulation strength	≥ 1000 MΩ

**Standards**

Connector standard	IEC 61076-3-107	Certificate No. (GERMLLOYD)	13866-15
Certificate no. (cULus)	E471884		

**Classifications**

ETIM 3.0	EC000018	ETIM 4.0	EC000018
ETIM 5.0	EC000018	ETIM 6.0	EC001121
eClass 6.2	27-25-05-04	eClass 7.1	27-25-05-04
eClass 8.1	19-17-01-25	eClass 9.0	27-44-03-90
eClass 9.1	27-44-09-90		

**Approvals**

Approvals



ROHS Conform

**Data sheet****Industrial Ethernet  
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**Technical data****Downloads**

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Approval/Certificate/Document of Conformity	<a href="#">GL_FrontCom</a>
Brochure/Catalogue	<a href="#">CAT 9 IETH 15/16 EN</a> <a href="#">MB FREECONCONTACT EN</a> <a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a>

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**Drawings**

**Dimensioned drawing**

