



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com









The increasingly networked industrial world goes hand in hand with the modularization of machines and systems. Functions from the control cabinet are increasingly being moved to field level, which drives up the amount of cabling required.

Our ready-for-connection cable assemblies can be used wiring in field level and for transmitting data or power in various applications. The Plug & Produce solution by Weidmüller are fully tested and will lead to simplification of assembly on your machine. This allows you to focus on your core competencies and further increase your efficiency.

With our broad product portfolio of certified components, we offer you a wide diversification so that we can provide you the perfect solution for your application.

If you cannot find the cable assembly you are looking for despite our continuously growing portfolio, we can also offer you different length variants and customer-specific solutions.

General ordering data

Version	Heavy duty connector assemblies, Pin, Socket con nector, Lapp ÖLFLEX® CLASSIC 110 BK 18G1.5 or similar, Shielded: No, Number of poles: 16	
Order No.	2712330100	
Туре	CH-HIAA-HIAB-16-0100-AF	
GTIN (EAN)	4050118751109	
Qty.	1 items	

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CH-HIAA-HIAB-16-0100-AF



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Technical data

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ROHS Conform

Dimensions and weights

Net weight 1099.67 g

Temperatures

Limit temperature -40 °C ... 80 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3
SCIP	ef244396-ddde-4d05-9b64-973eef6c7a15

General Technical Data

Connector

Number of poles	16	Pin arrangement	1:1, numbered cores
Nominal voltage	500 V	Protection degree	IP65

Technical Specifications Connector

Connector description	Connector 1		
Cable entry	straight		
Housing main material	Diecast aluminium		
Number of poles	16		
Series	HE		
Size	6		
Туре	Pin		
Individual components connector	HDC 16B TOBU 1M25G, HDC HE 16 MP, H1.5/14 R, VGM25-MS68 11-20 BG		
Connector description	Connector 2		
Connector description Cable entry	Connector 2 straight		
Cable entry	straight		
Cable entry Housing main material	straight Diecast aluminium		
Cable entry Housing main material Number of poles	straight Diecast aluminium 16		
Cable entry Housing main material Number of poles Series	straight Diecast aluminium 16 HE		

Technical specifications for cable

Cable length	1 m	Line type	Lapp ÖLFLEX® CLASSIC
			110 BK 18G1.5 or similar
Sheathing colour	black	Core cross-section	1.5 mm ²
Number of wires	18	Shielded	No
Halogen	Yes	Insulation	PVC
Temperature range, moving, max.	70 °C	Temperature range, moving, min.	-15 °C
Temperature range, stationary, max.	80 °C	Temperature range, stationary, min.	-40
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Sheath material	PVC	Outside diameter	14.4 mm

Creation date 30.11.2025 01:22:36 MEZ

Catalogue status / Drawings 2



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Classifications

ETIM 6.0	EC001576	ETIM 7.0	EC001576
ETIM 8.0	EC001576	ETIM 9.0	EC001576
ETIM 10.0	EC001576	ECLASS 9.0	27-06-04-02
ECLASS 9.1	27-06-91-90	ECLASS 10.0	27-06-04-02
ECLASS 11.0	27-06-04-02	ECLASS 12.0	27-06-04-02
ECLASS 13.0	27-06-04-02	ECLASS 14.0	27-06-04-02
ECLASS 15.0	27-06-04-02	 -	