

CH-HIAA-HIAB-16-0100-AF

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 connector, LAPP Ölflex Classic 110, Shielded: No, Number of poles: 16
Order No.	2712330100
Type	CH-HIAA-HIAB-16-0100-AF
GTIN (EAN)	4050118751109
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Net weight	1099.67 g
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Temperatures

Limit temperature	-40 °C ... 80 °C
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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

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

Technical Specifications Connector

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

Technical specifications for cable

Cable length	1 m	Line type	LAPP Ölflex Classic 110
Sheathing colour	black	Resistance to oils	Yes
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 °C	Bending radius, min., moving	15 x cable diameter
Bending radius, min., stationary	4 x cable diameter	Sheath material	PVC
Outside diameter	14.4 mm		

Technical data

Classifications

ETIM 8.0	EC001576	ETIM 9.0	EC001576
ETIM 10.0	EC001576	ECLASS 14.0	27-06-04-02
ECLASS 15.0	27-06-04-02		