

IE-C5DB4HE0100MCSXXX-E**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Assembled IE cables, railway cable, Cat.5, black, M12

General ordering data

Version	System cable, M12 D-code – IP 67 straight pin, Open, Cat.5 / Class D, HFFR Compound EM 104, 10 m
Order No.	1309950100
Type	IE-C5DB4HE0100MCSXXX-E
GTIN (EAN)	4050118147681
Qty.	1 pc(s).

Creation date March 23, 2021 3:19:09 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Length	10 m	Length (inches)	393.701 inch
Net weight	631 g		

Temperatures

Operating temperature	-40 °C...85 °C	Installation temperature	-20 °C...50 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Cable specific standards

Corrosiveness of fumes	to IEC 60754-2	Fire safety for railway vehicles	According to DIN 5510-2 fire safety levels 1,2,3,4
Impervious to smoke	in accordance with EN 50268-2, According to IEC 61034-2		

Electrical properties

Operating voltage	300 V
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Standards

Corrosiveness of fumes	to IEC 60754-2	Fire safety for railway vehicles	According to DIN 5510-2 fire safety levels 1,2,3,4
Impervious to smoke	in accordance with EN 50268-2, According to IEC 61034-2		

Cable structure

Arrangement of wire cores	Star-quadr	Cross-section	2x2xAWG22/19
Material sheath	HFFR Compound EM 104	Sheath diameter, max.	6.7 mm
Sheath diameter, min.	5.9 mm	Sheathing colour	black

Electrical properties of cable

Category	Cat.5 / Class D	Characteristic impedance	100 ± 15 Ω at 4–100 MHz, 100 ± 5 Ω at 100MHz
Operating voltage	300 V		

Mechanical and material properties of cable

Corrosiveness of fumes	to IEC 60754-2	Halogen	No
Impervious to smoke	in accordance with EN 50268-2, According to IEC 61034-2	Min. bending radius, once only	5 x cable diameter
Min. bending radius, repetitive	10 x cable diameter		

Plug, left

Connector left	M12 D-code – IP 67 straight pin
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Technical data**Plug, right**

Connector right

Open

plug

Connector left

M12 D-code – IP 67
straight pin

Connector right

Open

Classifications

ETIM 6.0

EC002599

ETIM 7.0

EC002599

ECLASS 9.0

27-06-03-08

ECLASS 9.1

27-06-03-08

ECLASS 10.0

27-06-03-08

ECLASS 11.0

27-06-03-08

Approvals

ROHS

Conform

Downloads

Engineering Data

[STEP](#)

User Documentation

[MAN IE GUIDE DE](#)[MAN IE GUIDE EN](#)

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Drawings

Wiring

	M12
yellow	1
white	2
orange	3
blue	4