IE-C5DB4HE0010MSSMSS-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 socket, M12 D-code – IP 67 straight socket, Cat.5 / Class D, HFFR Compound EM 104, 1 m
Order No.	1310030010
Type	IE-C5DB4HE0010MSSMSS-E
GTIN (EAN)	4050118410044
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	1 m	Length (inches)	39.37 inch
Net weight	91 g		

Temperatures

Operating temperature	-40 °C...85 °C	Installation temperature	-20 °C...50 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

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

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-quad	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 socket

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Technical data

Plug, right

Connector right	M12 D-code – IP 67 straight socket

plug

Connector left	M12 D-code – IP 67 straight socket	Connector right	M12 D-code – IP 67 straight socket

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

Downloads

Engineering Data	STEP
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

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Drawings

Wiring