

IE-C5DB4RE0280MCSMCS-E**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Industrial Ethernet connection technology by Weidmüller offers the optimal solution for the infrastructure of your machine, system or factory. All connection technology is available from one source.

The benefits for you:

- IEC-standardised connectors, in the variants 1, 4, 5 , 6 and 14
- consistently Cat. 6_A with **STEADYTEC®** technology
- in IP20 and IP67
- all relevant industrial connections: RJ45, SC, ...
- comprehensive range of accessories

General ordering data

Version	System cable, M12 D-code – IP 67 straight pin, M12 D-code – IP 67 straight pin, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), Radox GKW S, 28 m
Order No.	1010850280
Type	IE-C5DB4RE0280MCSMCS-E
GTIN (EAN)	4050118514568
Qty.	1 pc(s).

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

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Technical data

Dimensions and weights

Length	28 m	Length (inches)	1,102.362 inch
Net weight	2,188 g		

Temperatures

Storage temperature	-40 °C...90 °C	Operating temperature	-40 °C...90 °C
Installation temperature	-25 °C...90 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Cable specific standards

Corrosiveness of fumes	to IEC 60754-2	Fire protection in buses	According to ISO 6722-1 5.22 (UN ECE-R 118.01)
Fire safety for railway vehicles	According to DIN 5510-2 fire safety levels 1,2,3,4, According to BS 6853, According to EN50288-2-2, According to EN 45545, HL1 - HL3	Flames propagate vertically on bundled cables	According to BS4066-3, DIN EN 50266-2-5, According to IEC 60332-3-25 D
Fluorine content	According to EN 60684-2 Section 45.2	Hydrogen halide content	According to EN-50267-2-1, According to IEC 60754-1
Impervious to smoke	According to BS 6853 Appendix D, in accordance with EN 50268-2, According to IEC 61034-2	Multi-wire metallic data and control cable	According to EN50288-2-2
Poisonous gases	According to BS 6853 Appendix B		

Cable structure

Cross-section	2*2*AWG 22/7 - 2*2*0.36 mm ²	Insulation cross-section	1.95 mm
Material sheath	Radox GKW S	Sheath diameter, max.	7.55 mm
Sheath diameter, min.	6.95 mm	Sheathing colour	black
Shielding	SF/UTP	Strands	7

Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
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Mechanical and material properties of cable

Abrasion resistance	very good	Corrosiveness of fumes	to IEC 60754-2
Halogen	halogen-free, according to IEC 60754-2	Impervious to smoke	According to BS 6853 Appendix D, in accordance with EN 50268-2, According to IEC 61034-2
Min. bending radius, repetitive	6 * diameter	Resistance to oils	in accordance with EN 50306-3

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www.weidmueller.com**Technical data****plug**

Connector left

M12 D-code – IP 67
straight pin

Connector right

M12 D-code – IP 67
straight pin**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

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Engineering Data

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User Documentation

[MAN IE GUIDE DE](#)
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