

**IE-C5DB4WE0040MCSA20-E****Weidmüller Interfaces GmbH & Co. KG**

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Assembled IE lines, railway cable RW (reduced wire), cat. 5, PUR, black, RJ45 plug, no tools required, IP20 and M12 straight pin

**General ordering data**

Version	System cable, M12 D-code – IP 67 straight pin, RJ45 IP 20, Cat.5 (ISO/IEC 11801), Radox GKW S, 4 m
Order No.	<a href="#">1220310040</a>
Type	IE-C5DB4WE0040MCSA20-E
GTIN (EAN)	4050118006797
Qty.	1 pc(s).
Available until	2013-12-06

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## Technical data

## Dimensions and weights

Length	4 m	Length (inches)	157.48 inch
Net weight	292 g		

## Temperatures

Storage temperature	-40 °C...90 °C	Operating temperature	-40 °C...90 °C
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## Environmental Product Compliance

REACH SVHC	SCIP	67cf1078- beca-4687-860b- dc475a6ec24a
Lead 7439-92-1		

## 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		

## General standards

Connector standard	IEC 61076-2-101, IEC 60603-7-51
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## Standards

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## Technical data

## Cable structure

Cross-section	2*2*AWG 22/7 - 2*2*0.36 mm <sup>2</sup>	Insulation cross-section	www.weidmueller.com 1.58 mm
Material sheath	Radox GKW S	Sheath diameter, max.	7 mm
Sheath diameter, min.	6.2 mm	Sheathing colour	black, SF/UTP
Shielding	SF/UTP	Strands	7

## Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801)
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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

## Plug

Plug left	M12, D, IP67, male contact, straight, plug, Plastic, shielded	Plug right	RJ45, IP20, male contact, straight, plug, Zinc diecast, shielded
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## Plug, left

Connector left	M12 D-code – IP 67 straight pin
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## Plug, right

Connector right	RJ45 IP 20
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## Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	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	ECLASS 12.0	27-06-03-08

## Approvals

ROHS	Conform
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## Downloads

User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a> <a href="#">PL PROFINET CABLING EN</a>

**Data sheet**

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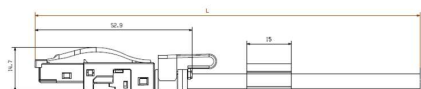
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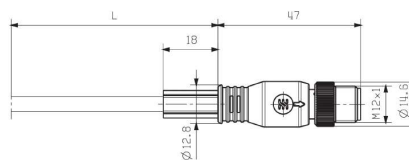
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**Drawings**

**Dimensioned drawing**



**Dimensional drawing** [info@weidmueller.com](mailto:info@weidmueller.com)



**Wiring diagram**

RJ45		M12
1	yellow	1
3	white	2
2	orange	3
6	blue	4

**Detailed drawing**

