

IE-C5DB4RE0015MCSXXX-X

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



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

General ordering data

| | |
|------------|--|
| Version | System cable, M12 D-code – IP 67 straight pin, Open, Cat. 5e, Radox EM 104, 1.5 m |
| Order No. | 1010840015 |
| Type | IE-C5DB4RE0015MCSXXX-X |
| GTIN (EAN) | 4032248800766 |
| Qty. | 1 items |

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Technical data

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Dimensions and weights

| | | | |
|------------|----------|-----------------|--------------|
| Length | 1.5 m | Length (inches) | 59.0551 inch |
| Net weight | 116.16 g | | |

Temperatures

| | | | |
|--------------------------|----------------|-----------------------|----------------|
| Storage temperature | | Operating temperature | -25 °C...85 °C |
| Installation temperature | -25 °C...90 °C | | |

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 67cf1078-beca-4687-860b-dc475a6ec24a |

Cable specific standards

| | | | |
|--|---|---|---|
| Fluorine content | According to EN 60684-2 Section 45.2 | Flames propagate vertically on bundled cables | in accordance with EN 50266, EN 50305, EN 60332-3-25, According to NF C32-070, 2.1, According to UL1685, 12 (FT4 exp.) |
| Multi-wire metallic data and control cable | According to EN50288-2-2 | Hydrogen halide content | According to EN-50267-2-1 |
| Corrosiveness of fumes | EN 50267-2-2 | Fire safety for railway vehicles | According to BS 6853, GM/RT 2130, Ia,Ib, II, According to EN 45545, HL1 - HL3, According to DIN 5510 1-4, According to NF F16-101, A1, A2, B, According to UNI CEI 11170, LR1-LR4, NFPA 130 |
| Impervious to smoke | According to BS 6853 Appendix D, According to IEC 61034-2, According to UL1685, 12 (FT4 exp.) | Poisonous gases | According to BS 6853 Appendix B |

General standards

| | |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-101 |
|--------------------|-----------------|

Cable structure

| | | | |
|---|-----------------------------------|--------------------------|--------------|
| Wire connection cross section AWG, max. | AWG 22 | Sheathing colour | black |
| Cross-section | 4*AWG 22/7 - 0.32 mm ² | Shielding | SF/UTP |
| Number of wires | 4 | Insulation cross-section | 1.95 mm |
| Insulation | PE | Sheath diameter, max. | 7.55 mm |
| Sheath diameter, min. | 6.95 mm | Material sheath | Radox EM 104 |
| Colour coding | yellow, white, orange, blue | Wire material | Copper alloy |

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Electrical properties of cable

Category Cat. 5e

Mechanical and material properties of cable

| | | | |
|---------------------------------|---|--------------------------------|---------------------|
| Resistance to oils | in accordance with EN 50264-1 or EN 50306-1 | Halogen | No |
| Min. bending radius, repetitive | 6 *diameter | Min. bending radius, once only | 10 x cable diameter |
| Resistance to spread of flame | in accordance with IEC 60332-1-2, According to NF C32-070, 2.1, NFPA 130 | Corrosiveness of fumes | EN 50267-2-2 |
| Impervious to smoke | According to BS 6853 Appendix D, According to IEC 61034-2, According to UL1685, 12 (FT4 exp.) | | |

Plug, left

Plug left M12, D-coded, Number of poles: 4, IP67, male contact, straight, plug, Plastic, shielded

Plug, right

Plug right free conductor end

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002599 | ETIM 9.0 | EC002599 |
| ETIM 10.0 | EC002599 | ECLASS 14.0 | 27-06-03-08 |
| ECLASS 15.0 | 27-06-03-08 | | |

Wiring diagram



| | M12 |
|--------|-----|
| yellow | 1 |
| white | 2 |
| orange | 3 |
| blue | 4 |

Detailed drawing

