

IE-C5DB4FE0015MCAXXX-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 angled pin, Open, Cat.5 / Class D, Cross-linked Premium FRNC, 1.5 m |
| Order No. | 1309840015 |
| Type | IE-C5DB4FE0015MCAXXX-E |
| GTIN (EAN) | 4050118148701 |
| Qty. | 1 pc(s). |

Creation date March 23, 2021 3:15:53 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 | 1.5 m | Length (inches) | 59.055 inch |
| Net weight | 110 g | | |

Temperatures

| | | | |
|--------------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...90 °C | Operating temperature | -40 °C...90 °C |
| Installation temperature | -5 °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 |
| Fluorine content | According to EN 60684-2 Section 45.2 | Hydrogen halide content | According to IEC 60754-1, According to EN-50267-2-1 |
| Impervious to smoke | in accordance with EN 50268-2, According to IEC 61034-2 | Poisonous gases | According to BS 6853 Appendix B |

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 |
| Fluorine content | According to EN 60684-2 Section 45.2 | Hydrogen halide content | According to IEC 60754-1, According to EN-50267-2-1 |
| Impervious to smoke | in accordance with EN 50268-2, According to IEC 61034-2 | Poisonous gases | According to BS 6853 Appendix B |

Cable structure

| | | | |
|---------------------------|---------------------------|-----------------------|------------|
| Arrangement of wire cores | Star-quad | Cross-section | 4xAWG22/19 |
| Material sheath | Cross-linked Premium FRNC | Number of wires | 4 |
| Sheath diameter, max. | 7 mm | Sheath diameter, min. | 6.4 mm |
| Sheathing colour | black | | |

Electrical properties of cable

| | | | |
|-------------------|-----------------|--------------------------|-------------------------|
| Category | Cat.5 / Class D | Characteristic impedance | 100 ± 15 Ω at 1–100 MHz |
| Operating voltage | 300 V | | |

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Technical data

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 angled pin |
|----------------|-------------------------------|

Plug, right

| | |
|-----------------|------|
| Connector right | Open |
|-----------------|------|

plug

| | | | |
|----------------|-------------------------------|-----------------|------|
| Connector left | M12 D-code – IP 67 angled 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

| | |
|--------------------|--|
| User Documentation | MAN IE GUIDE DE MAN IE GUIDE EN |
|--------------------|--|

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Germanywww.weidmueller.com**Wiring**

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