

IE-C5DB4HE0030MSAXXX-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 socket, Open, Cat.5 / Class D, HFFR Compound EM 104, 3 m |
| Order No. | 1309980030 |
| Type | IE-C5DB4HE0030MSAXXX-E |
| GTIN (EAN) | 4050118148855 |
| Qty. | 1 pc(s). |

Creation date July 20, 2021 6:54:35 AM CEST

Catalogue status 16.07.2021 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

| | | | |
|------------|-------|-----------------|-------------|
| Length | 3 m | Length (inches) | 118.11 inch |
| Net weight | 195 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 angled socket |
|----------------|----------------------------------|

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Technical data

Plug, right

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

plug

| | | | |
|----------------|----------------------------------|-----------------|------|
| Connector left | M12 D-code – IP 67 angled socket | Connector right | Open |
|----------------|----------------------------------|-----------------|------|

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 | | |

Approvals

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

Downloads

| | |
|--------------------|---|
| User Documentation | MAN IE GUIDE DE MAN IE GUIDE EN |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN PI PROFINET CABLING EN |

Data sheet**IE-C5DB4HE0030MSAXXX-E****Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
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Germanywww.weidmueller.com**Drawings****Wiring**

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