

**IE-C5DB4RE0015MSAMSA-E****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**General ordering data**

|            |                                                                                                                                                   |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | System cable, M12 D-code – IP 67 angled socket, M12 D-code – IP 67 angled socket, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), Radox GKW S, 1.5 m |
| Order No.  | <a href="#">1309820015</a>                                                                                                                        |
| Type       | IE-C5DB4RE0015MSAMSA-E                                                                                                                            |
| GTIN (EAN) | 4050118148633                                                                                                                                     |
| 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 | 148 g |                 |              |

## Temperatures

|                          |                |                       |                |
|--------------------------|----------------|-----------------------|----------------|
| Storage temperature      | -40 °C...90 °C | Operating temperature | -40 °C...90 °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

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

## Cable structure

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

## Electrical properties of cable

|          |                                             |
|----------|---------------------------------------------|
| Category | Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B) |
|----------|---------------------------------------------|

## Mechanical and material properties of cable

|                                 |                               |                     |                                        |
|---------------------------------|-------------------------------|---------------------|----------------------------------------|
| Resistance to oils              | in accordance with EN 50306-3 | Halogen             | halogen-free, according to IEC 60754-2 |
| Min. bending radius, repetitive | 6 *diameter                   | Abrasion resistance | very good                              |

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|-------------------------------|------------------------------------------------------------------------------------------|------------------------|----------------|
| Resistance to spread of flame | in accordance with IEC 60332-1-2                                                         | Corrosiveness of fumes | to IEC 60754-2 |
| Impervious to smoke           | According to BS 6853 Appendix D, in accordance with EN 50268-2, According to IEC 61034-2 |                        |                |

## Plug

|            |                                                                              |           |                                                                              |
|------------|------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------|
| Plug right | M12, D-coded, IP67, female contact, angled 90°, plug, Zinc diecast, shielded | Plug left | M12, D-coded, IP67, female contact, angled 90°, plug, Zinc diecast, shielded |
|------------|------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------|

## Plug, left

|           |                                                                              |
|-----------|------------------------------------------------------------------------------|
| Plug left | M12, D-coded, IP67, female contact, angled 90°, plug, Zinc diecast, shielded |
|-----------|------------------------------------------------------------------------------|

## Plug, right

|            |                                                                              |
|------------|------------------------------------------------------------------------------|
| Plug right | M12, D-coded, IP67, female contact, angled 90°, plug, Zinc diecast, shielded |
|------------|------------------------------------------------------------------------------|

## 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 |             |             |