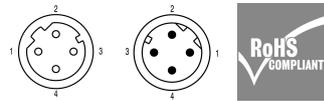


**HDC XX5E02 FMSM12D-0300**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Compact**

The new two-pole bus module is extremely compact and can accommodate both megabit and gigabit data inserts. It enables the connection of 2 Gigabit Cat 6A cables (10 gigabit) to one module.

**General ordering data**

|            |   |
|------------|---|
| Order No.  | 2503760300                              |
| Type       | <a href="#">HDC XX5E02 FMSM12D-0300</a> |
| GTIN (EAN) | 4050118523522                           |
| Qty.       | 1 items                                 |

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## Technical data

### Approvals

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

### Dimensions and weights

|            |     |
|------------|-----|
| Net weight | 0 g |
|------------|-----|

### Temperatures

|                   |                  |
|-------------------|------------------|
| Limit temperature | -40 °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                                 | 2ac5c63f-7f5e-465a-860d-49cfb7bbe5b5 |

### General data

|                       |                      |                       |            |
|-----------------------|----------------------|-----------------------|------------|
| Number of poles       | 4                    | Cable length          | 3 m        |
| Coding                | D-coded              | Contact surface       | Au (Gold)  |
| Transmission rate     | 100 MBit/s           | Insulation resistance | ≥ 108 Ω    |
| Category              | Cat. 5e              | Nominal voltage       | 250 V      |
| Nominal current       | 4 A                  | Plugging cycles       | ≥ 2265 100 |
| Type                  | Female               | Pollution severity    | 2          |
| Opposite side version | Male, straight, M12D | Module side version   | Female     |

### Cable technical specifications

|                  |                             |         |
|------------------|-----------------------------|---------|
| Cable length     | 3 m                         |         |
| Sheathing colour | blue                        |         |
| Shielded         | Yes                         |         |
| Halogen          | Yes, No                     |         |
| Sheath material  | Radox EM 104                |         |
| Colour coding    | white, yellow, blue, orange |         |
| Outside diameter | Diameter                    | 7.25 mm |
|                  | Signs                       | ±       |
|                  | Tolerance                   | 0.3 mm  |
| Outside diameter | 7.25 mm ± 0.3 mm            |         |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002599    | ETIM 9.0    | EC002599    |
| ETIM 10.0   | EC002599    | ECLASS 14.0 | 27-06-03-07 |
| ECLASS 15.0 | 27-06-03-07 |             |             |

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**Drawings**

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

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