

**IE-C5DS4UG0005MBSXXX-E****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Assembled IE cables, PROFINET, Cat. 5, PUR, green

**General ordering data**

|            |                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------|
| Version    | System cable, M12 D-code – flange, Open, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PUR, 0.5 m |
| Order No.  | <a href="#">1234770005</a>                                                                       |
| Type       | IE-C5DS4UG0005MBSXXX-E                                                                           |
| GTIN (EAN) | 4050118019445                                                                                    |
| Qty.       | 1 pc(s).                                                                                         |

Creation date March 23, 2021 10:37:41 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

|            |       |                 |             |
|------------|-------|-----------------|-------------|
| Length     | 0.5 m | Length (inches) | 19.685 inch |
| Net weight | 49 g  |                 |             |

## Temperatures

|                          |                |                       |                |
|--------------------------|----------------|-----------------------|----------------|
| Storage temperature      | -50 °C...70 °C | Operating temperature | -40 °C...70 °C |
| Installation temperature | -20 °C...60 °C |                       |                |

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## Cable structure

|                  |                                   |                          |                     |
|------------------|-----------------------------------|--------------------------|---------------------|
| Cross-section    | 4*AWG 22/7 - 0.36 mm <sup>2</sup> | Insulation cross-section | 1.5 mm              |
| Material sheath  | PUR                               | Sheath diameter, max.    | 6.7 mm              |
| Sheathing colour | green (RAL 6018)                  | Shielding                | 360° shield contact |

## Electrical properties of cable

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

## Mechanical and material properties of cable

|                                |                    |                                 |                     |
|--------------------------------|--------------------|---------------------------------|---------------------|
| Min. bending radius, once only | 5 x cable diameter | Min. bending radius, repetitive | 15 x cable diameter |
|--------------------------------|--------------------|---------------------------------|---------------------|

## Plug, left

|                |                     |
|----------------|---------------------|
| Connector left | M12 D-code – flange |
|----------------|---------------------|

## Plug, right

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

## plug

|                |                     |                 |      |
|----------------|---------------------|-----------------|------|
| Connector left | M12 D-code – flange | 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

|                                             |                                                                    |
|---------------------------------------------|--------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">PROFINET Manufacturer's Declaration</a>                |
| User Documentation                          | <a href="#">MAN IE GUIDE DE</a><br><a href="#">MAN IE GUIDE EN</a> |

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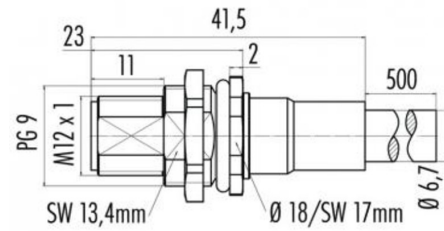
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

### Wiring diagram

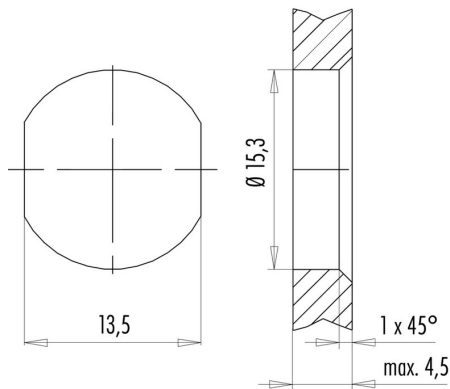
|        |     |
|--------|-----|
|        | M12 |
| yellow | 1   |
| white  | 2   |
| orange | 3   |
| blue   | 4   |

### Dimensioned drawing



Hexagon nut enclosed loosely

### Dimensioned drawing



with through hole