

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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. | 1234770005 |
| Type | IE-C5DS4UG0005MBSXXX-E |
| GTIN (EAN) | 4050118019445 |
| Qty. | 1 pc(s). |

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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 | | |

Cable structure

| | | | |
|------------------|-----------------------------------|--------------------------|----------------------|
| Cross-section | 4*AWG 22/7 - 0.32 mm ² | 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) / Cat.5e (TIA T568-B) |
|----------|--|

Mechanical and material properties of cable

| | | | |
|---------------------------------|---|--------------------------------|--------------------|
| Halogen | halogen-free, according to IEC 60754-2 | Min. bending radius, once only | 5 x cable diameter |
| Min. bending radius, repetitive | 15 x cable diameter | Resistance to spread of flame | Yes |

Plug, left

| | |
|-----------|---|
| Plug left | M12, D-coded, IP67, fe- male contact, straight, flange, Plastic, shielded |
|-----------|---|

Plug, right

| | |
|------------|--------------------|
| Plug right | free conductor end |
|------------|--------------------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002599 | ETIM 7.0 | EC002599 |
| ETIM 8.0 | EC002599 | ETIM 9.0 | 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 |
| ECLASS 12.0 | 27-06-03-08 | ECLASS 13.0 | 27-06-03-08 |
| ECLASS 14.0 | 27-06-03-08 | | |

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 67cf1078-beca-4687-860b-dc475a6ec24a |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |

Approvals

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

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Technical data

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | PROFINET Manufacturer's Declaration |
| Engineering Data | CAD data – STEP |
| User Documentation | MAN IE GUIDE DE MAN IE GUIDE EN |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN |

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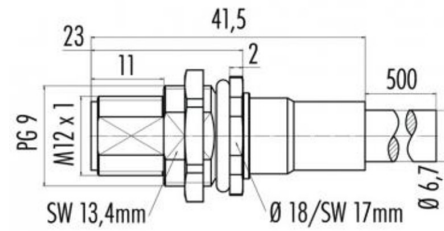
www.weidmueller.com

Drawings

Wiring diagram

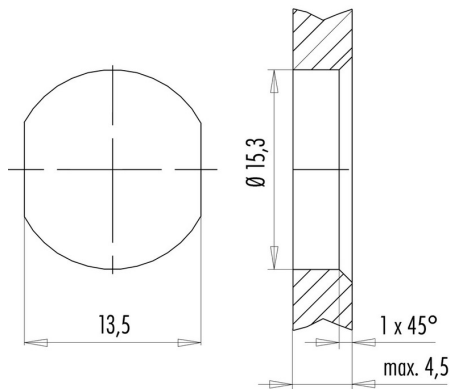
| | |
|--------|-----|
| | M12 |
| yellow | 1 |
| white | 2 |
| orange | 3 |
| blue | 4 |

Dimensioned drawing



Hexagon nut enclosed loosely

Dimensioned drawing



with through hole

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www.weidmueller.com**Accessories****Tools**

Sheathing stripper for PVC cables

**General ordering data**

| | | |
|------------|----------------------------|----------------------------|
| Type | AM 12 | Version |
| Order No. | 9030060000 | Tools, Sheathing strippers |
| GTIN (EAN) | 4008190337827 | |
| Qty. | 1 pc(s). | |

Tools

The CST with blue blade cartridge produces the best stripping results.
The blue double-stage blade cartridge is particularly suited for Ethernet cables. It saves time and also ensures optimal stripping results.

General ordering data

| | | |
|------------|----------------------------|----------------------------|
| Type | IE-CST | Version |
| Order No. | 9204350000 | Tools, Sheathing strippers |
| GTIN (EAN) | 4032248653072 | |
| Qty. | 1 pc(s). | |

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www.weidmueller.com**Accessories****Blank**

TM-I is an acknowledged and accredited marker type for traffic engineering applications. There are various different tag lengths available for individual labelling with long character strings. Easy handling of separation and installation thanks to the project marker field. Pre-attachment of sleeves and retrofitting of tags offer excellent versatility

The special contour of TM-I allows easy assembly and secures firm positioning. They are compatible with a number of commercially available sleeves. Thanks to the MultiCard format, the tags can be printed quickly and conveniently with the PrintJet CONNECT, plotter or the STI pen.

- Easy handling of separation and installation thanks to the project marker field.
- Acknowledged and accredited marker for traffic engineering applications
- Pre-attachment of sleeves and retrofitting of tags offer excellent versatility
- Not suited for labelling with P-Ink or STI pen in connection with CLI T sleeves

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | TM-I 12 MC NE WS | Version |
| Order No. | 1718411044 | TM-I, Insert markers, 12 x 4 mm, white |
| GTIN (EAN) | 4008190348977 | |
| Qty. | 320 pc(s). | |

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General ordering data

| | | |
|------------|----------------------------|--|
| Type | TM-I 18 MC NE WS | Version |
| Order No. | 1718431044 | TM-I, Insert markers, 18 x 4 mm, white |
| GTIN (EAN) | 4008190349011 | |
| Qty. | 320 pc(s). | |