

## IE-C6KS8VG0005XCSXXX-E

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

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



Assembled IE cables, PROFINET, Cat 6 A, PVC, green,  
M12 X-type

### General ordering data

|            |   |
|------------|---|
| Version    | Connecting line, M12 X-type IP 67 straight male, Open, Cat.6A / Class EA (ISO/IEC 11801 2010), PVC, 0.5 m |
| Order No.  | <a href="#">1449470005</a>  |
| Type       | IE-C6KS8VG0005XCSXXX-E  |
| GTIN (EAN) | 4050118264166   |
| Qty.       | 1 items   |

## IE-C6KS8VG0005XCSXXX-E

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

www.weidmueller.com

## Technical data

### Approvals

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

### Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Length     | 0.5 m   | Length (inches) | 19.685 inch |
| Net weight | 55.44 g |                 |             |

### Temperatures

|                          |                |                       |                |
|--------------------------|----------------|-----------------------|----------------|
| Storage temperature      | -40 °C...80 °C | Operating temperature | -40 °C...80 °C |
| Installation temperature | -40 °C...80 °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

|                    |                |
|--------------------|----------------|
| Standard, assembly | UL-Style 246 1 |
|--------------------|----------------|

### Standards

|                    |                |
|--------------------|----------------|
| Standard, assembly | UL-Style 246 1 |
|--------------------|----------------|

### Cable structure

|                                       |  |                          |              |
|---------------------------------------|--|--------------------------|--------------|
| Sheathing colour                      | green (RAL 6018)   | Cross-section            | 4*2*AWG 23/7 |
| Shielding                             | S/FTP  | Insulation cross-section | 1.58 mm      |
| Sheath diameter, max.                 | 8.8 mm   | Material sheath          | PVC          |
| Colour sequence or wires - wire pairs | white/blue - blue, white/<br>orange - orange, white/<br>green - green, white/<br>brown - brown |                          |              |

### Electrical properties of cable

|                                |                        |          |  |
|--------------------------------|------------------------|----------|--|
| Transmission rate              | 10 Gbit/s              | Category | Cat.6A / Class EA (ISO/<br>IEC 11801 2010) |
| Test voltage: wire-wire-shield | 800 Veff, 50 Hz, 1 min |          |  |

### Mechanical and material properties of cable

|                                 |                                     |                                |                    |
|---------------------------------|-------------------------------------|--------------------------------|--------------------|
| Pulling force                   | ≤ 150 N                             | Halogen                        | Yes                |
| Min. bending radius, repetitive | 8 x cable diameter                  | Min. bending radius, once only | 4 x cable diameter |
| Resistance to spread of flame   | in accordance with IEC<br>60332-1-2 |                                |                    |

### Plug, left

|           |   |
|-----------|---|
| Plug left | M12, X-coded, IP67, male<br>contact, straight, plug,<br>Plastic, shielded |
|-----------|---|

**IE-C6KS8VG0005XCSXXX-E****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Plug, right**

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

**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 |             |             |

Drawings

---

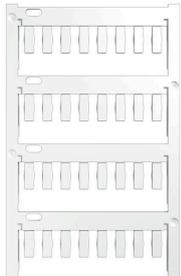
---

|               |   |     |
|---------------|---|-----|
| White, Orange | 1 | M12 |
| Orange        | 2 |     |
| White, Green  | 3 |     |
| Green         | 4 |     |
| White, Brown  | 5 |     |
| Brown         | 6 |     |
| White, Blue   | 7 |     |
| Blue          | 8 |     |

---

---

## 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 GE           | Version  |
| Order No.  | <a href="#">1718411687</a> | TM-I, Insert markers, 1.5 - 22 mm, 12 x 4 mm, yellow |
| GTIN (EAN) | 4008190348984              |  |
| Qty.       | 320 ST                     |  |
| Type       | TM-I 18 MC NE GE           | Version  |
| Order No.  | <a href="#">1718431687</a> | TM-I, Insert markers, 1.5 - 22 mm, 18 x 4 mm, yellow |
| GTIN (EAN) | 4008190349028              |  |
| Qty.       | 320 ST                     |  |