

## IE-C6KS8VG0005XCSXCS-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,<br>M12 X-type IP 67 straight male, Cat.6A / Class EA<br>(ISO/IEC 11801 2010), PVC, 0.5 m |
| Order No.  | <a href="#">1398070005</a>                                                                                                                |
| Type       | IE-C6KS8VG0005XCSXCS-E                                                                                                                    |
| GTIN (EAN) | 4050118199628                                                                                                                             |
| Qty.       | 1 items                                                                                                                                   |

## IE-C6KS8VG0005XCSXCS-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 | 75 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 2461 |
|--------------------|---------------|

## Standards

|                    |               |
|--------------------|---------------|
| Standard, assembly | UL-Style 2461 |
|--------------------|---------------|

## 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-C6KS8VG0005XCSXCS-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 | M12, X-coded, IP67, male<br>contact, straight, plug,<br>Plastic, 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 |             |             |

## Drawings

### Wiring

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

### Pinning

