

IE-C6KS8VG0005XCSXXX-E**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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.6 _A / Class E _A (ISO/IEC 11801 2010), PVC, 0.5 m |
| Order No. | 1449470005 |
| Type | IE-C6KS8VG0005XCSXXX-E |
| GTIN (EAN) | 4050118264166 |
| Qty. | 1 pc(s). |

Creation date March 13, 2023 2:08:53 PM CET

Catalogue status 03.03.2023 / 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 | 0.001 g | | |

Temperatures

| | | | |
|-----------------------------|----------------|-----------------------------|----------------|
| Storage temperature | -40 °C...80 °C | Operating temperature | -40 °C...80 °C |
| Operating temperature, min. | -40 °C | Operating temperature, max. | 80 °C |
| Installation temperature | -40 °C...80 °C | | |

Cable specific standards

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

Standards

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

Cable structure

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

Electrical properties of cable

| | | | |
|--------------------------------|---|-------|-----------|
| Category | Cat.6 _A / Class E _A (ISO/IEC 11801 2010) | Speed | 10 GBit/s |
| Test voltage: wire-wire-shield | 800 V _{eff} , 50 Hz, 1 min | | |

Mechanical and material properties of cable

| | | | |
|---------------------------------|-------------------------------------|--------------------------------|--------------------|
| Halogen | Yes | Min. bending radius, once only | 4 x cable diameter |
| Min. bending radius, repetitive | 8 x cable diameter | Pulling force | ≤ 150 N |
| Resistance to spread of flame | in accordance with IEC 60332-1-2 | Speed | 10 GBit/s |

Plug

| | | | |
|-----------|---|------------|--------------------|
| Plug left | M12, X, IP67, male contact, straight, plug, Plastic, shielded | Plug right | free conductor end |
|-----------|---|------------|--------------------|

Plug, left

| | |
|----------------|-----------------------------------|
| Connector left | M12 X-type IP 67 straight male |
|----------------|-----------------------------------|

Plug, right

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

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Technical data**Classifications**

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002599 | ETIM 7.0 | EC002599 |
| ETIM 8.0 | 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 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 67cf1078-beca-4687-860b-dc475a6ec24a |

Approvals

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

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | PROFINET Manufacturer's Declaration |
| 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 |

Data sheet**IE-C6KS8VG0005XCSXXX-E****Weidmüller Interface GmbH & Co. KG**
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Germanywww.weidmueller.com**Drawings**

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