



A-K8P-M12-S-G-2,5M-GY-1-X-A-4

- 2.5 m
- Pre-wired cable
- 8-pole

Data

Ordering data

| | |
|-------------------------------|-------------------------------|
| Product type description | A-K8P-M12-S-G-2,5M-GY-1-X-A-4 |
| Article number (order number) | 103011411 |
| EAN (European Article Number) | 4030661477473 |
| eCl@ss number, Version 9.0 | 27-06-03-11 |
| eCl@ss number, Version 11.0 | 27-06-03-11 |
| ETIM number, version 6.0 | EC001855 |
| ETIM number, version 7.0 | EC001855 |

General data

| | |
|--------------|-----------------|
| Standards | IEC 61076-2-101 |
| Gross weight | 250 g |

General data - Features

| | |
|---------------------------|---------|
| Halogen free | Yes (1) |
| Cable drag chain suitable | Yes (1) |
| Number of cable wires | 8 |

Mechanical data

Tightening torque, maximum 1 Nm

Mechanical data - Connection technique

Length of cable 2.5 m
Wire cross-section 0.25 mm²
Cable diameter 6.2 mm
Bending radius (fixed) 5 x Ø-cable
Bending radius (repeated) 10 x Ø-cable
Colour of the Cable mantle Grey
Material of the Cable mantle PVC

Mechanical data - connector side A

Connector typ Female connector, M12
Design straight
Connector coding A
Connector latching Screw locking
Material of the gland Metal, CuZn, nickel-plated
Material of the handle Plastic, TPU
Colour of the handle Black

Ambient conditions

Degree of protection IP65
IP67
IP69
Ambient temperature, minimum (Connector) -30 °C
Ambient temperature, maximum (Connector) +90 °C
Temperature (fixed), minimum -25 °C
Temperature (fixed), maximum +80 °C
Temperature (repeated), minimum +0 °C
Temperature (repeated), maximum +80 °C

Electrical data

| | |
|-------------------------|----------|
| Thermal test current | 2 A |
| Rated operating voltage | 30 V |
| Operating current | 2,000 mA |

Pin assignment

| | |
|-------|--------|
| PIN 1 | White |
| PIN 2 | Brown |
| PIN 3 | green |
| PIN 4 | yellow |
| PIN 5 | Grey |
| PIN 6 | Pink |
| PIN 7 | Blue |
| PIN 8 | red |

Documents

General information

(88.7 kB, 20.07.2021)

Pictures

Product picture (catalogue individual photo)



ID: k1208f04
| 158.0 kB | .jpg | 352.778 x 235.303 mm - 1000 x 667 px - 72 dpi
| 19.5 kB | .png | 74.083 x 49.389 mm - 210 x 140 px - 72 dpi

Contact arrangement



ID: km23-k8a
| 18.0 kB | .cdr |

Schmersal Ltd., Sparrowhawk Close, WR14 1GL Malvern

The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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