

## VK001021

### Connection technology • Distribution terminals

Distribution terminal, 29x90x30mm, 10-30V DC, 4x M8 3-pin, M12 12-pin, IP67, PBT, LED, 1.5A

including Identification label, Screw plug



The wiring of sensors and actors is considerably more comfortable with our sensor distribution box. The individual devices are connected with the distributor via an M8 or M12 cable that is pre-assembled on both sides. By means of the trunk line the effort for laying and wiring the cables can be reduced significantly. The operating mode display provides information about the sensors operating mode (operating voltage, switching state). Thus, troubleshooting is simpler, as an overview about the functioning of the connected periphery is directly given.

#### Electrical features

|                                 |             |
|---------------------------------|-------------|
| Display                         | LED display |
| Type of A electrical connection | M8          |
| Type of B electrical connection | M12         |
| Max. ampacity per I/O signal    | 1.5 A       |
| Max. total current              | 1.5 A       |
| Number of pins of A connection  | 3           |
| Number of pins of B connection  | 12          |
| Number of pins of trunk line    | 12          |
| Number of slots                 | 4           |
| Operating voltage (DC)          | 10 - 30 V   |

#### Mechanical features

|                           |             |
|---------------------------|-------------|
| Width                     | 30 mm       |
| Height                    | 28.8 mm     |
| Length                    | 90.4 mm     |
| Degree of protection (IP) | IP67        |
| Housing material          | PBT         |
| Type of cable gland       | none        |
| Ambient temperature       | -25 - 70 °C |

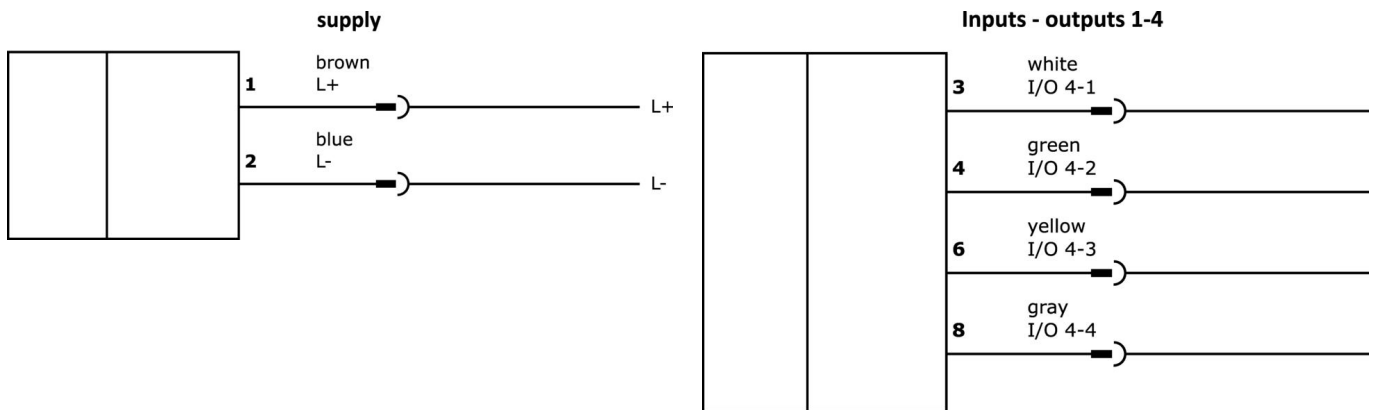
#### Classification

|        |   |
|--------|---|
| ETIM 8 | EC002585 Passive sensor/actuator distributor (with cable) |
|--------|---|

**More**

|                       |  |
|-----------------------|--|
| IPF Product Group     | 855 cable sockets / connectors (distributor, accessories, diverse) |
| packaging dimensions  | 168 x 70 x 38 mm   |
| gross weight          | 100 g  |
| Customs tariff number | 85366990   |
| WEEE number           | 40951076   |
| OzDS-compliant        | Yes  |
| POP-compliant         | Yes  |
| Reach-compliant       | Yes  |
| RoHS-compliant        | Yes  |

**Connection**





**Extract accessories program**

**VK030F60**



Connection cable, 0.3m, M12 socket 3-pin angular, M8 connector 3-pin straight, 3x0.34mm<sup>2</sup>, PUR (polyurethane), 60V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free

**VK030F64**



Connection cable, 0.3m, M12 socket 3-pin straight, M8 connector 3-pin straight, 3x0.34mm<sup>2</sup>, PUR (polyurethane), 60V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free

**VK003021**



Cable socket, Angular, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 60V, -25-90°C, M12 Female (socket) 5pin, IP67, PBT

**VK003025**



Cable socket, Straight, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 60V, -25-90°C, M12 Female (socket) 5pin, IP67, PBT

**VK200C21**



Connection cable, 2m, M12 Female (socket) 12pin Angular, Free conductor end, 12x0.14mm<sup>2</sup>, PUR (Polyurethane), Ø5.8mm, 30V, -25-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

**VK200C25**



Connection cable, 2m, M12 Female (socket) 12pin Straight, Free conductor end, 12x0.14mm<sup>2</sup>, PUR (Polyurethane), Ø5.8mm, 30V, -25-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

**VK003076**



Cable connector, Angular, Suitable for self-assembly, Soldering connection, 4A, 60V, -40-85°C, M8 Male (connector) 3pin, IP67, Brass

**VK003078**



Cable connector, Straight, Suitable for self-assembly, Soldering connection, Ø3.5-5mm, 4A, 60V, -40-85°C, M8 Male (connector) 3pin, IP67, Brass

**VK003020**



Cable socket, angular, self-assembly, screw connection, Ø3-6.5mm, 4A, 240V, -25-90°C, M12 socket 4-pin, IP67, PBT

You can find further accessories on our homepage



**Installation**

Mounting / installation may only be carried out by a qualified electrician!



**Disposal**

WEEE number according to § 6 para. 3 ElektroG: 40951076

**Safety warnings**

/ Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.

/ Never use these devices in applications where the safety of a person depends on their functionality.