

## VK000050

### Connection technology • Y-distribution terminal

distributor, 38x20x54mm, 250V, 2x M12 3pin, M12 4pin, IP67



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

|                                       |                  |
|---------------------------------------|------------------|
| Type of plug-in contact, A connection | Male (connector) |
| Type of plug-in contact, B connection | Female (socket)  |
| Type of A electrical connection       | M12              |
| Type of B electrical connection       | M12              |
| Number of pins of slots               | 3                |
| Number of pins of trunk line          | 4                |
| Number of slots                       | 2                |
| Operating voltage (AC 50Hz)           | 250 V            |
| Operating voltage (DC)                | 250 V            |

#### Mechanical features

|                           |             |
|---------------------------|-------------|
| Width                     | 54.5 mm     |
| Height                    | 38 mm       |
| Length                    | 20 mm       |
| Degree of protection (IP) | IP67        |
| Type of cable gland       | none        |
| Ambient temperature       | -30 - 90 °C |

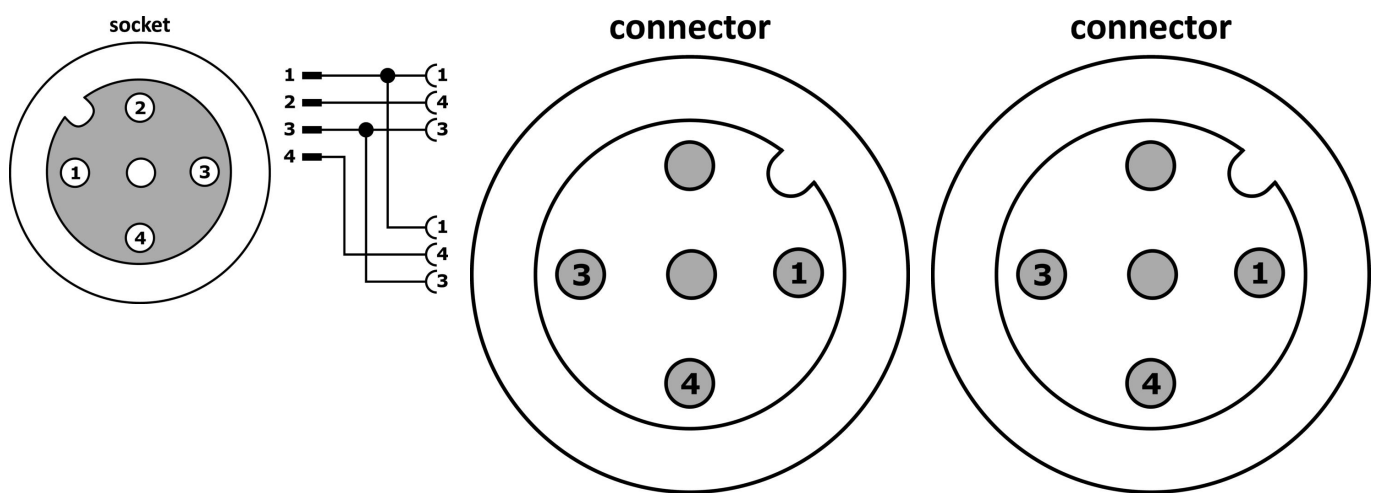
#### Classification

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

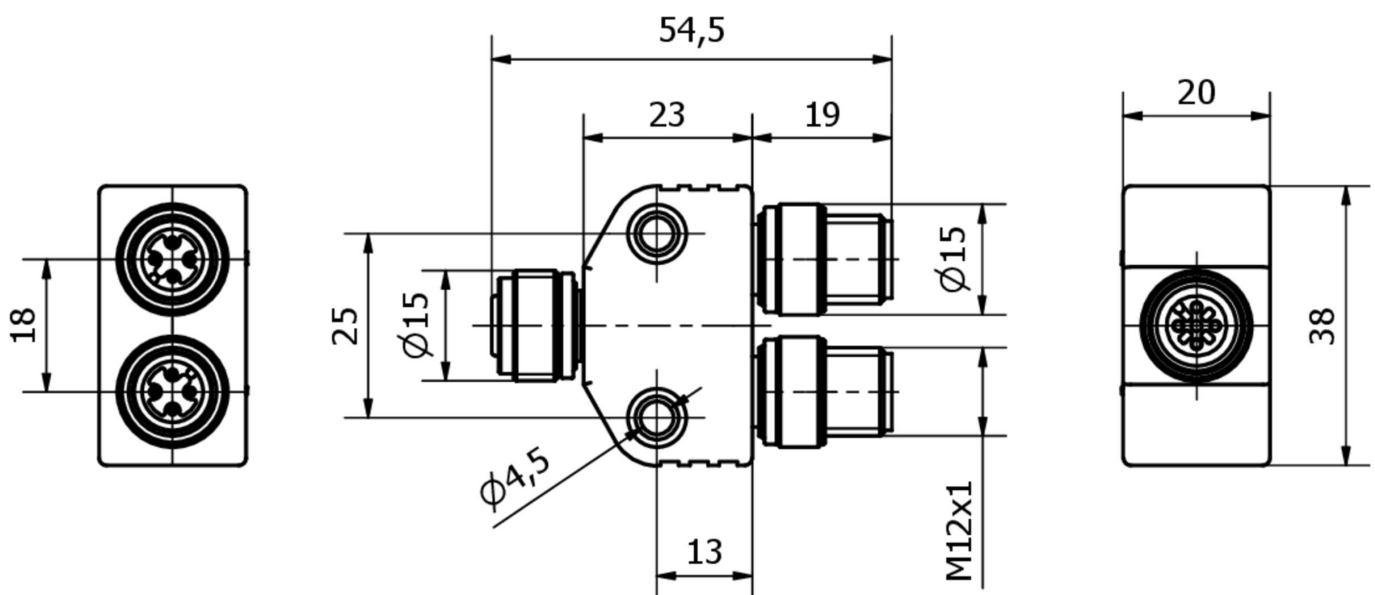
## More

|                       |                                                                    |
|-----------------------|--------------------------------------------------------------------|
| IPF Product Group     | 855 cable sockets / connectors (distributor, accessories, diverse) |
| packaging dimensions  | 150 x 100 x 20 mm                                                  |
| gross weight          | 50 g                                                               |
| Customs tariff number | 85366990                                                           |
| WEEE number           | 40951076                                                           |
| OzDS-compliant        | Yes                                                                |
| POP-compliant         | Yes                                                                |
| Reach-compliant       | Yes                                                                |
| RoHS-compliant        | Yes                                                                |

## Connection



## Dimensional drawing



## Extract accessories program

### AV98F001



### AV98F002



Tool, wrench insert for torque wrench, SW13

### VK030F21



Connection cable, 0.3m, M12 socket 4-pin angular, M12 connector 4-pin straight, 4x0.34mm<sup>2</sup>, 240V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free

### VK030F25



Connection cable, 0.3m, M12 socket 4-pin straight, M12 connector 4-pin straight, 4x0.34mm<sup>2</sup>, PUR (polyurethane), 240V, 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

### VK003020



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

### VK003024



Cable socket, Straight, Suitable for self-assembly, Screw connection, Ø3-6.5mm, 4A, 240V, -25-90°C, M12 Female (socket) 4pin, IP67, PBT

### AV000140



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.