

## VK001031

### Connection technology • Distribution terminals

distributor, 26x122x30mm, 10-30V DC, 6x M8 3pin, Fixed-cable distributor / connected trunk line, IP67, PBT, With LED display, 3A

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	Free conductor end
Max. ampacity per I/O signal	1.5 A
Max. total current	3 A
Number of pins of A connection	3
Number of pins of trunk line	8
Number of slots	6
Operating voltage (DC)	10 - 30 V

#### Mechanical features

Conductor cross-section	0.25 mm <sup>2</sup>
Width	30 mm
Height	25.5 mm
Cable length	10 m
Length	122.2 mm
Degree of protection (IP)	IP67
Housing material	PBT
Material of cable sheath	Plastic (PUR)
Diameter of trunk line	6 mm
Type of cable gland	none
Ambient temperature	-25 - 70 °C
Line diameter	6 mm

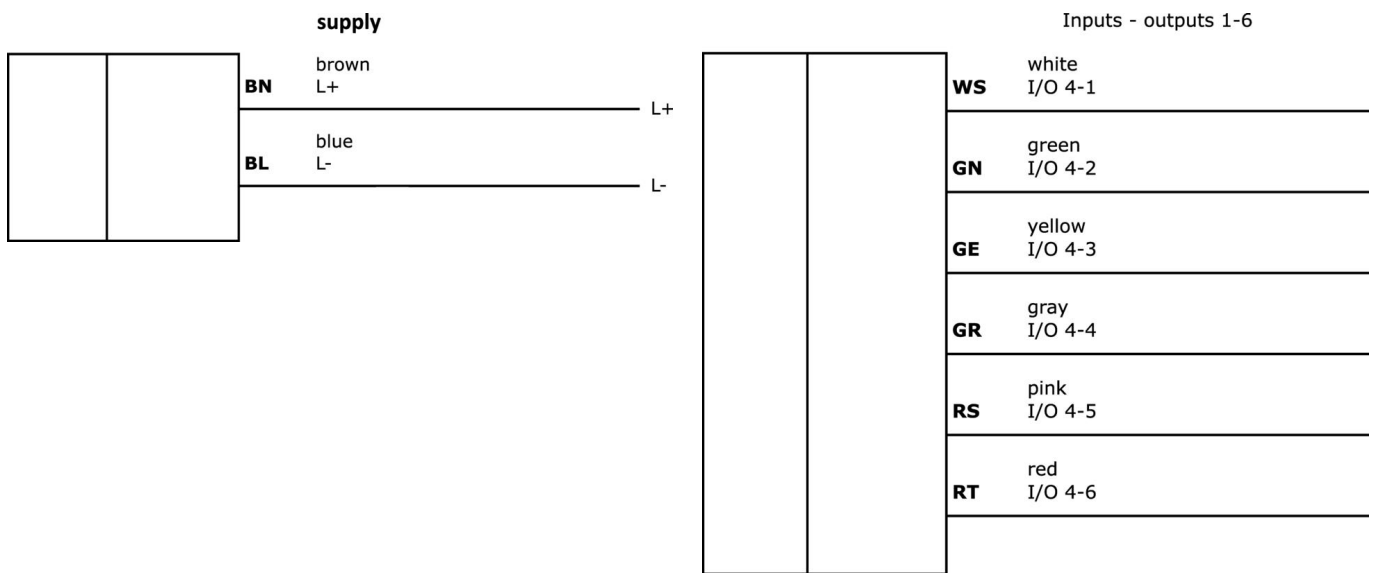
#### Classification

ETIM 8	EC002585 Passive sensor/actuator distributor (with cable)
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**More**

IPF Product Group	855 cable sockets / connectors (distributor, accessories, diverse)
packaging dimensions	375 x 250 x 45 mm
gross weight	550 g
Customs tariff number	85366990
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

**Connection**



**Extract accessories program**

**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

**AY000141**



Plastic sheath, Ø17mm, Inner diameter 10mm, -40-250°C, Glass fiber with silicone rubber, Short-term resistance to weld spatter 1200°C, Tensile strength 400N, Flexible, Flame retardant, yard good

**VK000034**



Screw plug, M8, Plastic, Black

**VK030F60**



Connection cable, 0.3m, M12 socket 3-pin angular, M8 connector 3-pin straight, 3x0.34mm², 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, 3x0.34mm², PUR (polyurethane), 60V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free

**VK030F70**



Connection cable, 0.3m, M8 socket 3-pin angular, M8 connector 3-pin straight, 3x0.34mm², PUR (polyurethane), 60V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free

**VK030F74**



Connection cable, 0.3m, M8 socket 3-pin straight, M8 connector 3-pin straight, 3x0.34mm², PUR (polyurethane), 60V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free

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.