

# VK001101

## Connection technology • Distribution terminals

distributor, 27x88x31mm, 10-30V DC, 4x M8 3pin, M12 8pin, IP67, Polyamide PA, With LED display, 2A

including 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

Number of channels per slot	1
Display	LED display
Type of A electrical connection	M8
Type of B electrical connection	M12
Max. ampacity per socket	2 A
Max. ampacity per I/O signal	2 A
Max. total current	2 A
Number of pins of A connection	3
Number of pins of B connection	12
Number of pins of trunk line	8
Number of slots	4
Operating voltage (DC)	10 - 30 V

### Mechanical features

Width	30.6 mm
Height	27.3 mm
Length	88.2 mm
Degree of protection (IP)	IP67
Housing material	Polyamide PA
Contact body material	Plastic (PA)
Type of cable gland	none
Contact material	CuZn, gold-plated
Ambient temperature	-30 - 90 °C

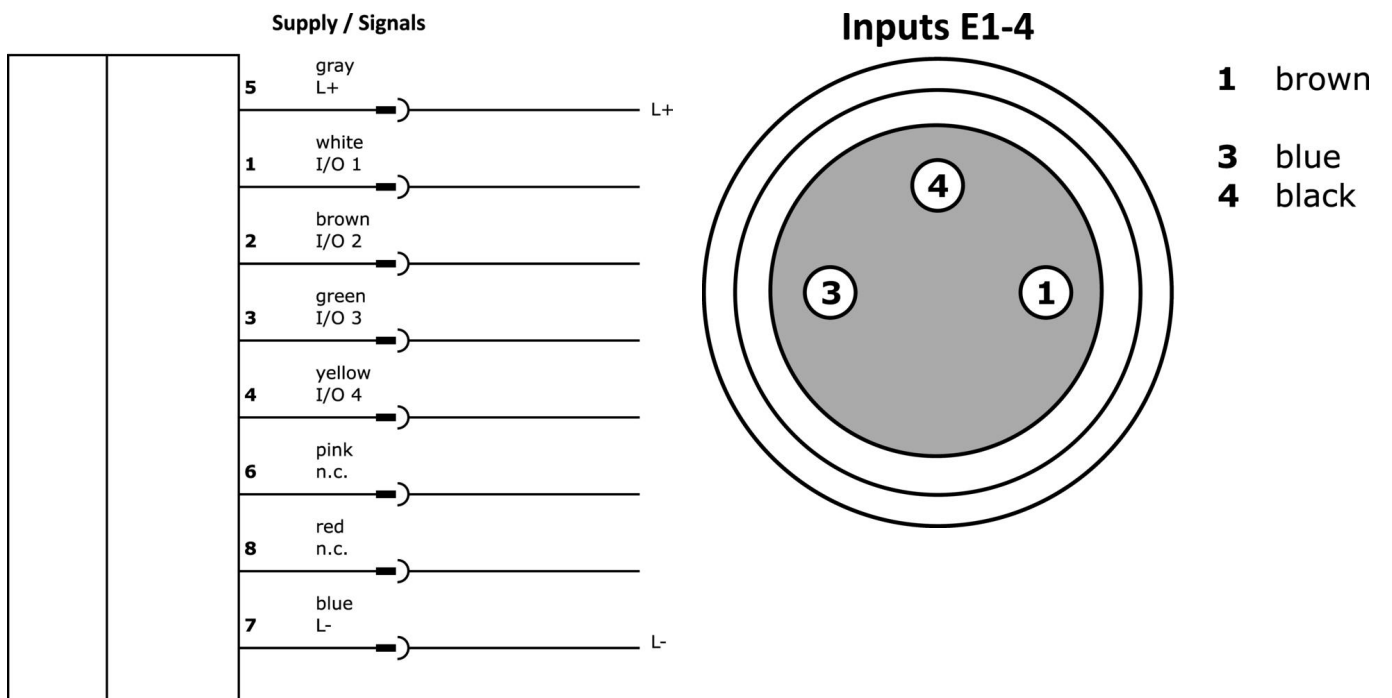
### Classification

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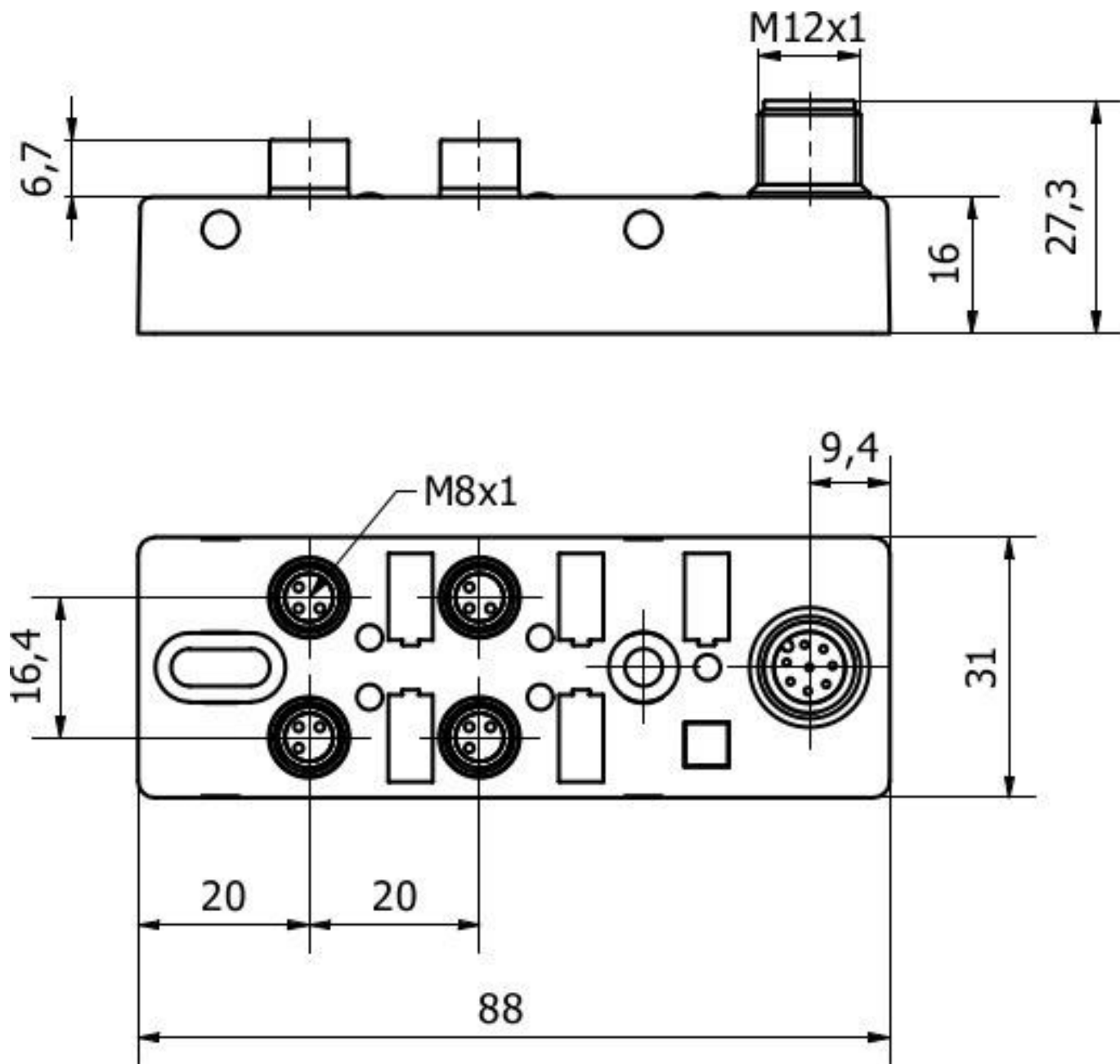
**More**

IPF Product Group	855 cable sockets / connectors (distributor, accessories, diverse)
packaging dimensions	175 x 56 x 29 mm
gross weight	106 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**

**VK205A21**



Connection cable, 2m, M12  
Female (socket) 8pin Angular, Free  
conductor end, 8x0.25mm<sup>2</sup>, PUR  
(Polyurethane), Ø6.6mm, 30V, -  
25-90°C, IP67, Shielded, Suitable  
for trailing chain and torsion  
resistant, Oil and cooling  
lubricants, Welding area, Silicone..

**VK205A25**



Connection cable, 2m, M12  
Female (socket) 8pin Straight, Free  
conductor end, 8x0.25mm<sup>2</sup>, PUR  
(Polyurethane), Ø6.6mm, 30V, -  
25-90°C, IP67, Shielded, Suitable  
for trailing chain and torsion  
resistant, Oil and cooling  
lubricants, Welding area, Silicon...

**VK030F70**



Connection cable, 0.3m, M8  
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

**VK030F74**



Connection cable, 0.3m, M8  
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

**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

**VK000037**



Adaption, M12 Female (socket)  
3pin Straight, M8 Male  
(connector) 3pin Straight, 24V, -  
25-85°C, IP67, Oil and cooling  
lubricants, Welding area

**VK000034**



Screw plug, M8, Plastic, Black

**AV000134**



Labeling material, Label, 2,  
5x10x5mm, Plastic, 10  
identification labels, 2 screw plugs

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.