VK001024

Connection technology ● Distribution terminals

Distribution terminal, 29x159x30mm, 10-30V diagnostic coverage, 10x 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 distrubutor 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 (operatig 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. total current	1.5A
Number of pins of A connection	3
Number of pins of B connection	12
Number of pins of trunk line	12
Number of slots	10
Operating voltage (DC)	10 - 30V

Mechanical features

Width	30mm
Height	28.8mm
Length	159.4mm
Degree of protection (IP)	IP67
Housing material	PBT
Type of cable gland	none
Ambient temperature	-25 - 70°C

Classification

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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	170 g
Customs tariff number	85366990
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

Connection
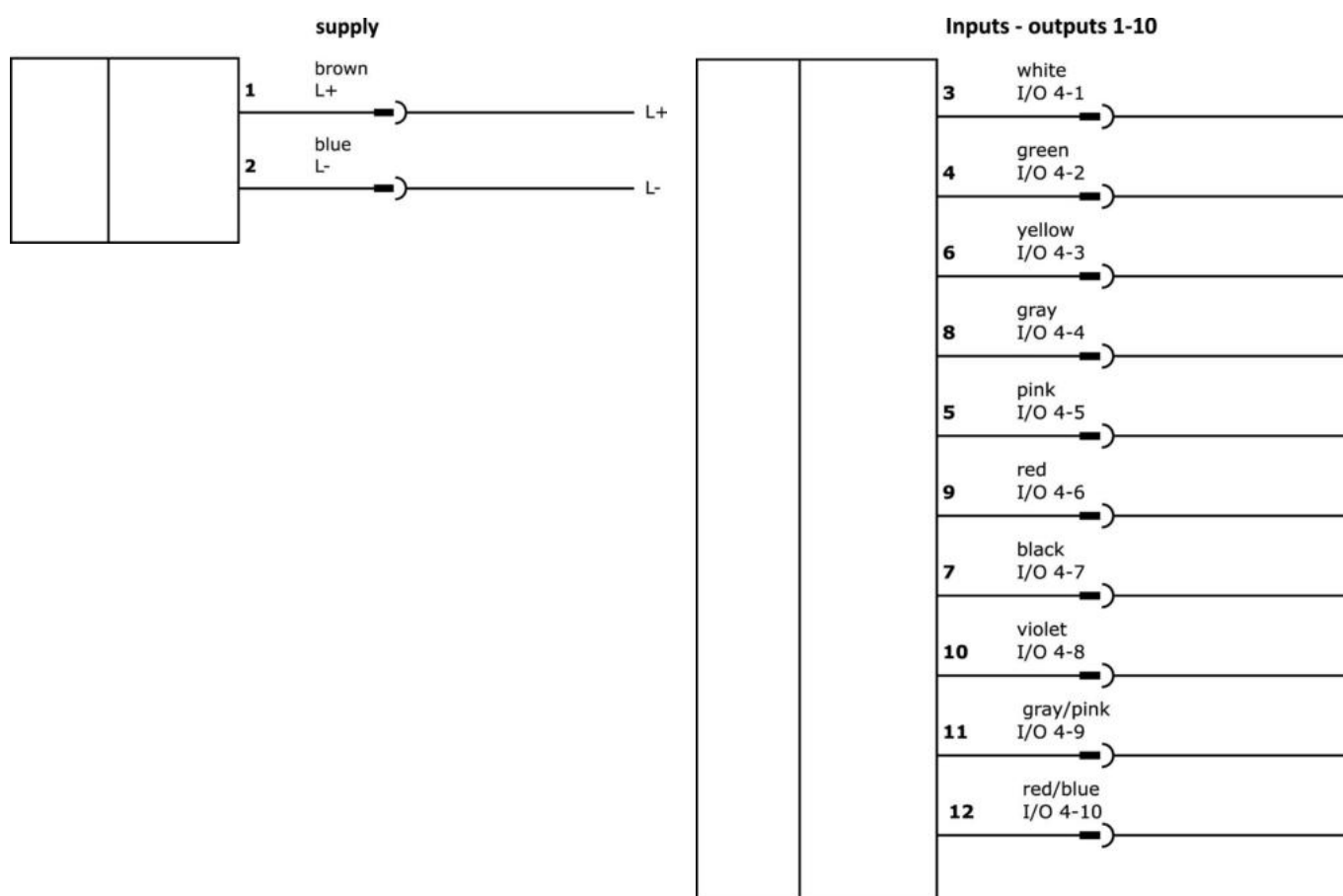
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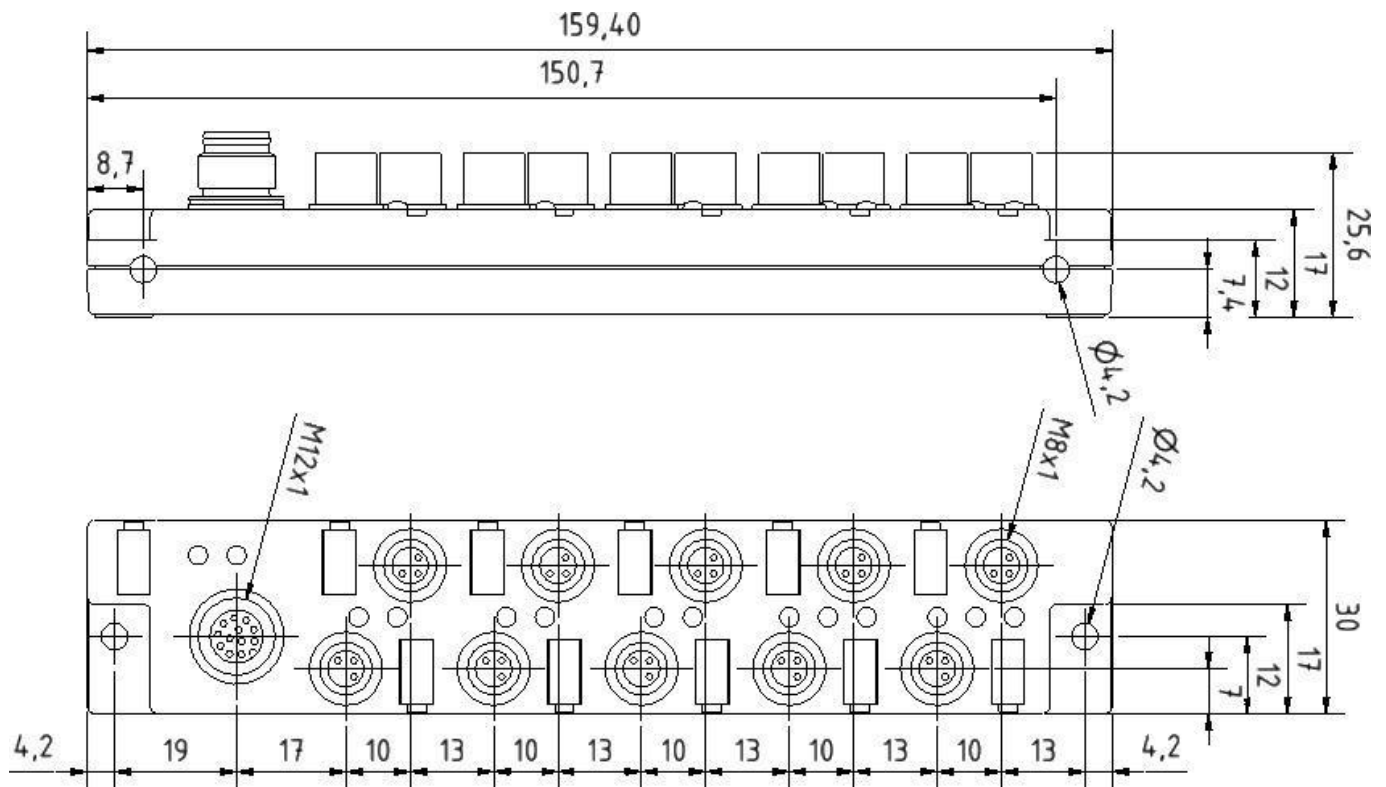
Extract accessories program

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, 12x0.14mm², 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, 12x0.14mm², PUR (Polyurethane), Ø5.8mm, 30V, -25-90°C, IP67, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

VK003L20

Cable socket, Angular, Suitable for self-assembly, Soldering connection, Ø6-8mm, 30A, 30V, -40-85°C, M12 Female (socket) 12pin, IP67, PA 6 (synthetic)

VK003L24

Junction box, straight, self assembly, soldered connection, Ø6-8mm, 1A, 30V, -40-85°C, M12 receptacle 12pin, IP67, PA 6 (plastic)

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

VK000034

Screw plug, M8, Plastic, Black

You can find further accessories on our homepage

ipf electronic gmbh | Rosmarter Allee 14 ● 58762 Altena - Germany | Tel +49 2351 9365-0 ● info@ipf-electronic.com ● **www.ipf-electronic.com**

3

Installation

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

Disposal

Safety warnings

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

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