

VK001022

Connection technology • Distribution terminals

Distribution terminal, 29x113x30mm, 10-30V diagnostic coverage, 6x 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	1.5A
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	6
Operating voltage (DC)	10 - 30V

Mechanical features

Width	30mm
Height	28.8mm
Length	113.4mm
Degree of protection (IP)	IP67
Housing material	PBT
Type of cable gland	none
Ambient temperature	-25 - 70°C

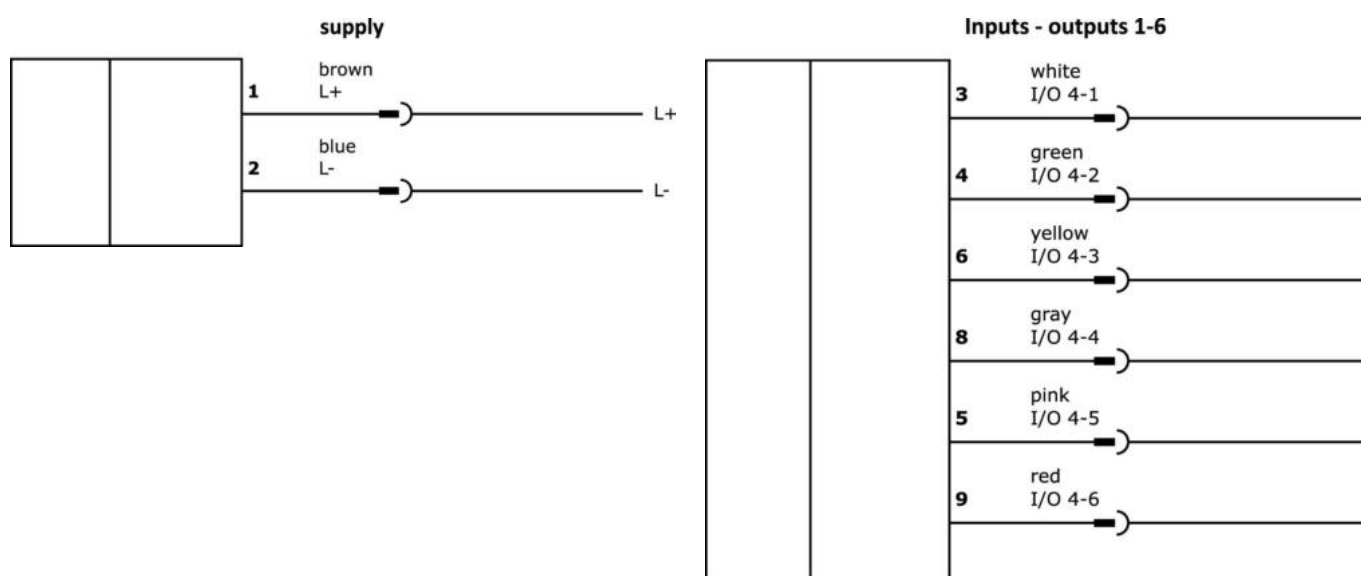
Classification

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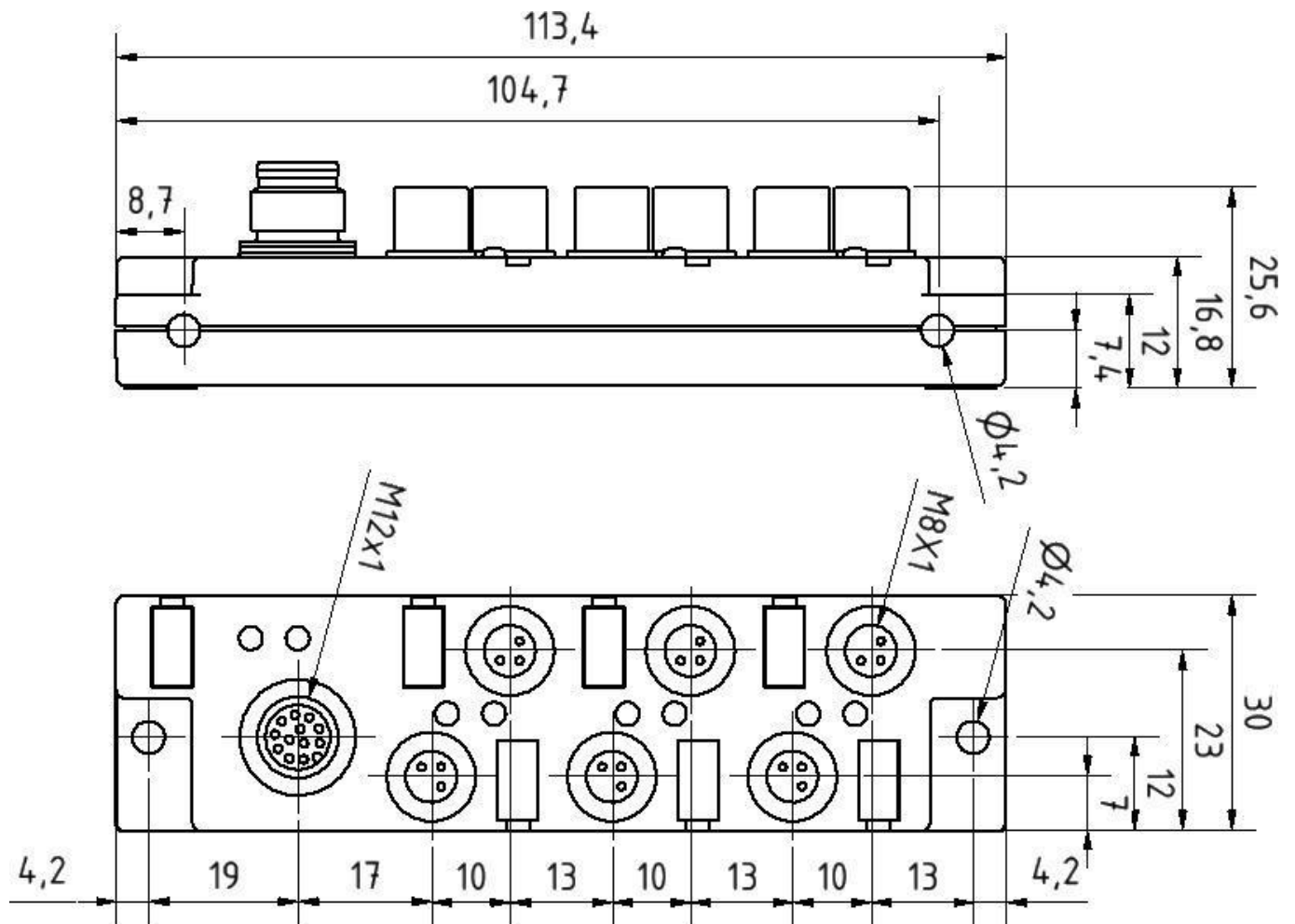
More

IPF Product Group	855 cable sockets / connectors (distributor, accessories, diverse)
packaging dimensions	168 x 70 x 38 mm
gross weight	120 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

VK000037



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

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)

VK205C25



Connection cable, 2m, M12
Female (socket) 12pin Straight,
Free conductor end, 12x0.14mm²,
PUR (Polyurethane) Black, Ø6mm,
30V, -30-90°C, IP67, TPU, Shielded,
Suitable for trailing chain and
torsion resistant, Oil and cooling
lubricants, Welding ar...

VK505C25



Connection cable, 5m, M12
Female (socket) 12pin Straight,
Free conductor end, 12x0.14mm²,
PUR (Polyurethane) Black, Ø6mm,
30V, -30-90°C, IP67, TPU, Shielded,
Suitable for trailing chain and
torsion resistant, Oil and cooling
lubricants, Welding ar...

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

VK003020



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

You can find further accessories on our homepage

Installation



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

Disposal



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.