

VK001002

Connection technology • Distribution terminals

distributor, 30x100x54mm, 10-30V DC, 6x M12, Fixed-cable distributor / connected trunk line 4pin, IP67, TPU, With LED display, Sensor/actuator slot with equipment grounding conductor, 12A

including 10x Identification label, 2x 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	M12
Type of B electrical connection	Free conductor end
Line diameter	7.6mm
Max. ampacity per I/O signal	4A
Max. total current	12A
Number of pins of A connection	4
Number of slots	6
Operating voltage (DC)	10 - 30V
Sensor/actuator slot with equipment grounding conductor	Yes

Mechanical features

Width	54mm
Cable sheath color	black
Height	30.3mm
Cable length	5m
Length	100mm
Degree of protection (IP)	IP67
Housing material	TPU
Structure of trunk line	6 x 0.34mm ² + 3x 0.75mm ²
Diameter of trunk line	7.6mm
Resistant to chemicals	Yes
UV-resistant	Yes
Type of cable gland	none
Ambient temperature	-15 - 80°C

Other features

Oil-resistant in acc. with EN 60811-2-1	Yes
Ambient temperature	-15 - 80°C

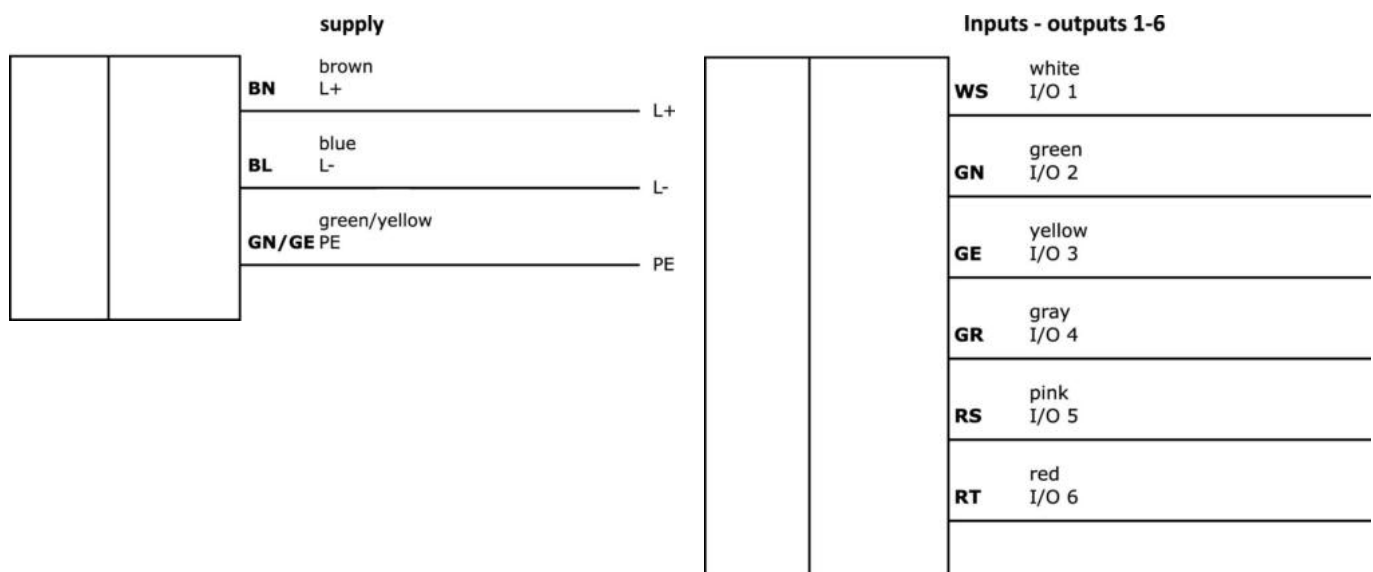
Classification

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	350 x 250 x 60 mm
gross weight	770 g
Customs tariff number	85366990
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



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.

For suitable connection and mounting accessories, please refer to our website www.ipf-electronic.com.