

## VK003L24

### Connection technology • Cable sockets / connectors for self-assembly

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



ipf cable boxes are mainly used to establish the electrical connection of sensors. Their characteristics are characterized by the robust version, in highest protection classes (IP67 | IP68 | IP69K) and on request with 360° shielding. With the features: bus-compatible, drag chain and robot-compatible, oil-, chemical-, welding spark-resistant, their detergent-resistant or resistance to high-pressure and steam jet cleaning, the extended temperature range up to +230°C, the rapid interconnection (technology) or special data transmission properties, the cable boxes meet all requirements of automation technology.

#### Electrical features

Type of plug-in contact, A connection	Female (socket)
Type of A electrical connection	M12
Type of B electrical connection	Soldering connection
Number of pins of A connection	12
Ampacity	1A
Operating voltage (AC 50Hz)	30V
Operating voltage (DC)	30V

#### Mechanical features

Wire cross section	0,25mm <sup>2</sup>
Cable infeed	straight
Cable infeed of A connection	straight
Coding of connection A	A
Degree of protection (IP)	IP67
Contact coating material	Gold
Housing material	Polyamide PA
Contact body material	Brass
Permitted cable diameter	6 - 8mm
Material of the screw fitting	Zinc diecast, nickel-plated (n-pltd)
Ambient temperature	-40 - 85°C

#### Other features

Ambient temperature	-40 - 85°C
Version	Cable socket

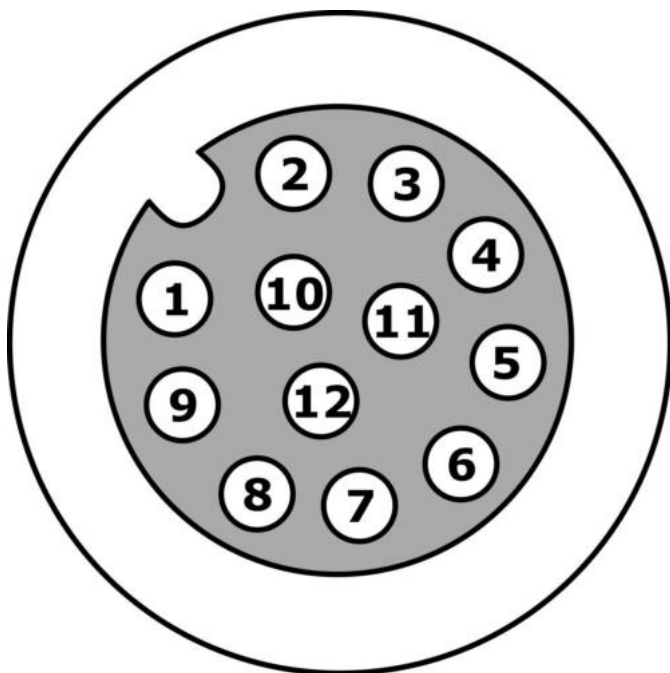
## Classification

ETIM 8	EC002635 Circular connector, field-wireable (industrial connector)
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## More

IPF Product Group	852 cable sockets / connectors (self-assembly)
packaging dimensions	120 x 100 x 20 mm
gross weight	23 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.

**Dimensional drawing**

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