

VK003L28

Connection technology • Cable sockets / connectors for self-assembly

Cable connector, Straight, Suitable for self-assembly, Soldering connection, Ø6-8mm, 2A, 30V, -40-80°C, M12 Male (connector) 12pin, IP67, PA 6 (synthetic)



ipf cable sockets are used primarily for establishing the electrical connection of sensors. Their features are characterized by rugged design, the highest protection classes (IP67 | IP68 | IP69K) and, if desired, with 360° shielding. With the features: bus-ready, suitable for use with drag chains and robots, resistance to oil and chemicals, resistance to welding sparks, their resistance to cleaning agents or high-pressure and steam-jet cleaning, the expanded temperature range of up to +230°C, the rapid interconnection technology and special data transmission properties, the cable sockets meet all requirements in automation technology.

Electrical features

Type of plug-in contact, A connection	Male (connector)
Type of A electrical connection	M12
Type of B electrical connection	Soldering connection
Number of pins of A connection	12
Ampacity	2A
Operating voltage (AC 50Hz)	30V
Operating voltage (DC)	30V

Mechanical features

Wire cross section	0,25mm ²
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	PA 6 (synthetic)
Contact body material	Brass
Permitted cable diameter	6 - 8mm
Material of the screw fitting	Zinc diecast, nickel-plated (n-pltd)
Ambient temperature	-40 - 80°C

Other features

Ambient temperature	-40 - 80°C
Version	Cable connector

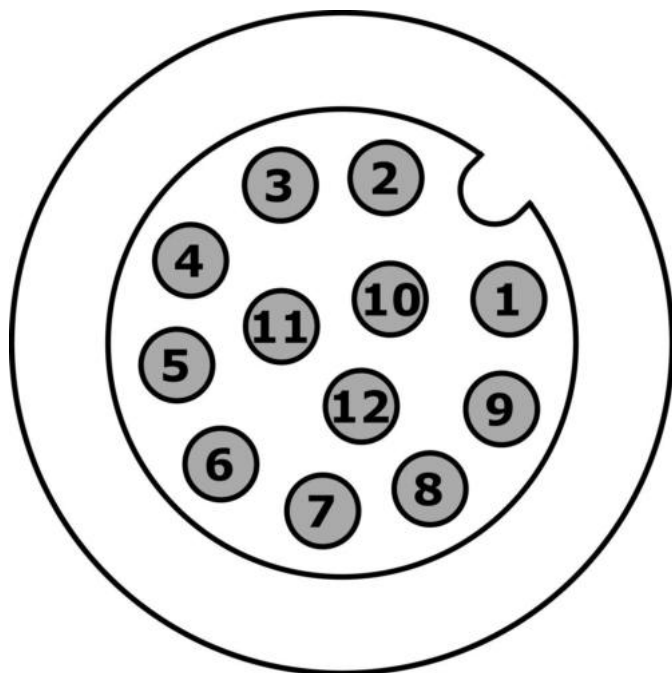
Classification

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 13 mm
gross weight	18 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