

VK003C21

Connection technology • Cable sockets / connectors for self-assembly

Female cable connector, angular, self-assembly, screw connection, Ø4-8mm, 4A, 60V, -25-80°C, M12 female connector 5pin, IP67



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-resistant, 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	Screw connection
Number of pins of A connection	5
Ampacity	4A
Operating voltage (AC 50Hz)	60V
Operating voltage (DC)	60V

Mechanical features

Wire cross section	0,5mm ²
Cable infeed	angular
Coding of connection A	A
Degree of protection (IP)	IP67
Contact coating material	Gold
Contact body material	Brass
Permitted cable diameter	4 - 8mm
Material of the screw fitting	Brass
Ambient temperature	-30 - 80°C

Other features

Ambient temperature	-30 - 80°C
Version	Cable socket

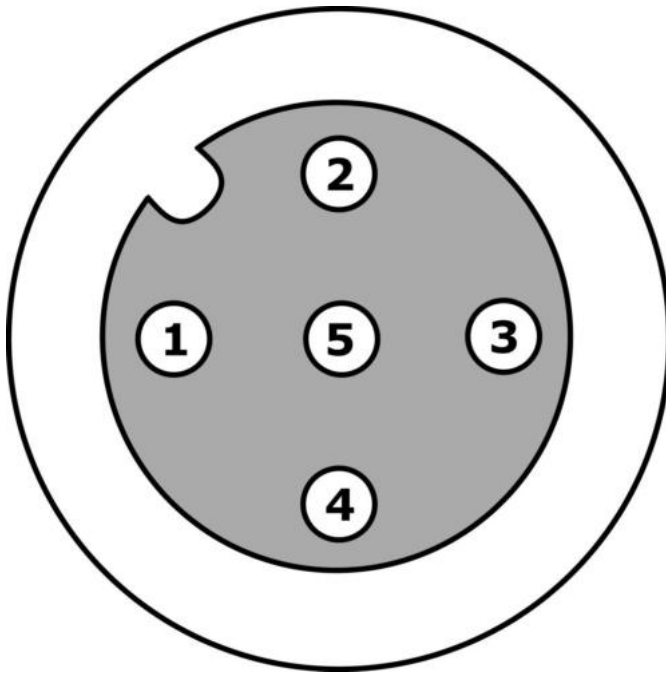
Classification

ETIM 8	EC001855 Assembled sensor-actuator cable
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More

IPF Product Group	852 cable sockets / connectors (self-assembly)
packaging dimensions	120 x 100 x 20 mm
gross weight	33 g
Customs tariff number	85369010
WEEE number	40951076
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

