

VK004024

Connection technology • Cable sockets / connectors for self-assembly

Cable socket, straight, self-assembly, screw connection, Ø8-10mm, 12A, 630V, -40-85°C, M12 socket 4-pin, IP67, PA 6 (plastic), S-coding



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	Female (socket)
Type of A electrical connection	M12
Type of B electrical connection	Screw connection
Number of pins of A connection	4
Ampacity	12A
Operating voltage (AC 50Hz)	630V
Operating voltage (DC)	630V

Mechanical features

Cable infeed	straight
Coding of connection A	S
Degree of protection (IP)	IP67
Contact coating material	Gold
Housing material	PA 6 (synthetic)
Contact body material	Brass
Permitted cable diameter	8 - 10mm
Ambient temperature	-40 - 85°C

Classification

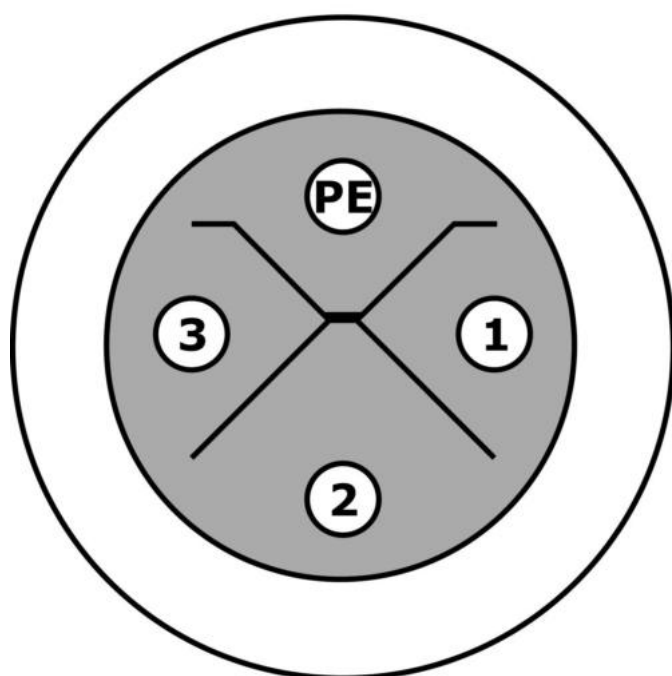
ETIM 8	EC002635 Circular connector, field-wireable (industrial connector)
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More

IPF Product Group	852 cable sockets / connectors (self-assembly)
packaging dimensions	120 x 100 x 20 mm
gross weight	30 g
Customs tariff number	85366990
WEEE number	40951076
OzDS-compliant	Yes
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

Connection

socket



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.