

## M12-P-CC-CRIMP--5P-KCOD-M-STR-SHLD



Image is for illustration purposes only. Please refer to product description.

Part number	21 03 896 1515
Specification	M12-P-CC-CRIMP--5P-KCOD-M-STR-SHLD
HARTING eCatalogue	<a href="https://b2b.harting.com/21038961515">https://b2b.harting.com/21038961515</a>

### Identification

Category	Connectors
Series	Circular connectors M12
Identification	Power
Element	Cable connector
Specification	Straight

### Version

Termination method	Crimp termination
Gender	Male
Shielding	Shielded
Number of contacts	5
Number of power contacts	4
Number of special contacts	1
Specification of special contacts	PE contact
Coding	K-coding
Locking type	Screw locking
Details	Please order crimp contacts separately.

### Technical characteristics

Conductor cross-section	0.5 ... 2.5 mm <sup>2</sup>
Conductor cross-section	AWG 20 ... AWG 14
Rated current	12 A
Rated voltage	630 V



Pushing Performance  
Since 1945

## Technical characteristics

Rated impulse voltage	6 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	17
Limiting temperature	-40 ... +125 °C
Mating cycles	$\geq 100$
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Cable diameter	6.6 ... 11.6 mm
Isolation group	I ( $600 \leq \text{CTI}$ )

## Material properties

Material (insert)	Polyamide (PA)
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

## Specifications and approvals

Specifications	IEC 61076-2-111
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## Commercial data

Packaging size	1
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## Commercial data

Net weight	60 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140227262
eCl@ss	27440116 Circular connector (for field assembly)

## Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.  
Measuring and testing techniques acc. to IEC 60512-5-2

