Pushing Performance
Since 1945

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

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

Part number	21 03 896 1525
Specification	M12-PP-CC-CRIMP--5P-KCOD-M-STR-SHLD
HARTING eCatalogue	https://b2b.harting.com/21038961525

Identification

Category	Connectors
Series	Circular connectors M12
Identification	Power PushPull
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	Outer PushPull
Details	Please order crimp contacts separately.

Technical characteristics

Conductor cross-section	0.5 ... 2.5 mm²
Conductor cross-section	AWG 20 ... AWG 14
Rated current	12 A

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

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Technical characteristics

Rated voltage	630 V
Rated impulse voltage	6 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	$>10^8$ Ω
Contact resistance	≤10 mΩ
Limiting temperature	-40 ... +125 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Cable diameter	6.6 ... 11.6 mm
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Polyamide (PA)
Material (hood/housing)	Zinc die-cast
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 61076-2-111 IEC 61076-2-010

Commercial data

Packaging size	1
Net weight	70 g
Country of origin	Romania
European customs tariff number	85366990

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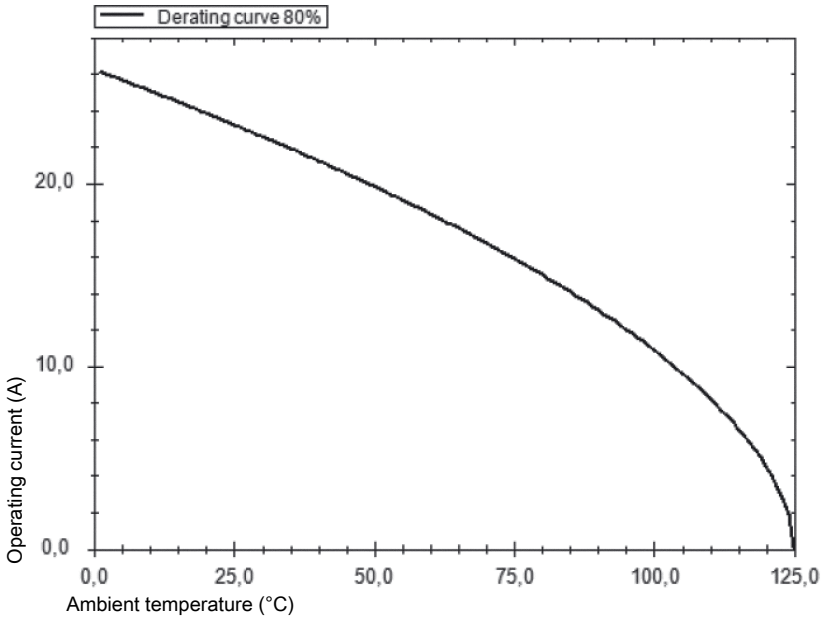
Commercial data

GTIN	5713140226968
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



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