

M12 slim angled female A-cod 5-pol



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

Part number	21 03 821 4505
Specification	M12 slim angled female A-cod 5-pol
HARTING eCatalogue	https://harting.com/21038214505

Identification

Category	Connectors
Series	Circular connectors M12
Identification	Slim Design
Element	Cable connector
Specification	Angled

Version

Termination method	Crimp termination
Gender	Female
Shielding	Shielded
Number of contacts	5 4
Coding	A-coding
Locking type	Screw locking
Details	Please order crimp contacts separately.

Technical characteristics

Conductor cross-section (mm²)	0.13 ... 0.82 mm²
Conductor cross-section (AWG)	AWG 26 ... AWG 18
Wire outer diameter	≤2.3 mm
Rated current	4 A
Rated voltage	48 V AC 60 V DC
Rated voltage	110 V AC/DC when used with 4 contacts



Pushing Performance
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Technical characteristics

Rated impulse voltage	1.5 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)	15
Limiting temperature	-40 ... +85 °C
Mating cycles	≥ 500
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Cable diameter	5.7 ... 8.8 mm
Isolation group	I ($600 \leq \text{CTI}$)

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	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 61076-2-101
UL / CSA	UL 2238 CYJV2.E302521 CSA-C22.2 No. 182.3 CYJV8.E302521



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Commercial data

Packaging size	1
Net weight	50 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140226265
eCl@ss	27440116 Circular connector (for field assembly)
ETIM	EC002635
UNSPSC 24.0	39121413