Pushing Performance
Since 1945

M12-SD-CC-CRIMP-4P-DCOD-F-STR-CF



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

Part number	21 03 881 2441
Specification	M12-SD-CC-CRIMP-4P-DCOD-F-STR-CF
HARTING eCatalogue	https://harting.com/21038812441

Identification

Category	Connectors
Series	Circular connectors M12
Identification	Slim Design PushPull
Element	Cable connector Panel feed through
Specification	for rear mounting

Version

Termination method	Crimp termination
Gender	Female
Shielding	Shielded Shield connection with crimp flange
Number of contacts	4
Coding	D-coding
Locking type	Screw locking PushPull
Details	Please order crimp contacts separately.
Details	For Fast Ethernet applications only

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

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Technical characteristics

Rated current	4 A
Rated voltage	48 V AC 60 V DC
Rated impulse voltage	1.5 kV
Pollution degree	3
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overvoltage category	III
Data rate	10 Mbit/s 100 Mbit/s
Insulation resistance	$>10^8$ Ω
Contact resistance	≤10 mΩ
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
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Liquid crystal polymer (LCP)
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
PFAS	No
ECHA SCIP number	0d7d3693-d625-47ab-934a-d241bf72c86e
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)

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Material properties

Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

Specifications and approvals

Specifications	IEC 61076-2-101

Commercial data

Packaging size	1
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140225954
eCl@ss	27440116 Circular connector (for field assembly)
ETIM	EC002635
UNSPSC 24.0	39121413

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