Pushing Performance
Since 1945

M12-PP-CC-IDC-4P-DCOD-M-STR-SHLD



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

Part number	21 03 382 1401
Specification	M12-PP-CC-IDC-4P-DCOD-M-STR-SHLD
HARTING eCatalogue	https://harting.com/21033821401

Identification

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

Version

Termination method	HARAX® connection technology
Gender	Male
Shielding	Shielded
Number of contacts	4
Coding	D-coding
Locking type	PushPull (outer)
Details	For Fast Ethernet applications only

Technical characteristics

Conductor cross-section (mm²)	0.34 mm²
Conductor cross-section (AWG)	AWG 22
Wire outer diameter	≤1.6 mm
Rated current	4 A
Rated voltage	50 V
Rated impulse voltage	1.5 kV
Pollution degree	3

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Technical characteristics

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
Limiting temperature	-40 ... +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Cable diameter	5.7 ... 8.8 mm
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side
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
ECHA SCIP number	0d7d3693-d625-47ab-934a-d241bf72c86e
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel

Specifications and approvals

Specifications	IEC 61076-2-101 IEC 61076-2-010
UL / CSA	UL 2238 CYJV2.E302521 CSA-C22.2 No. 182.3 CYJV8.E302521

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Specifications and approvals

PROFINET	Yes

Commercial data

Packaging size	1
Net weight	54.8 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140226807
eCl@ss	27440116 Circular connector (for field assembly)
ETIM	EC002635
UNSPSC 24.0	39121413

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