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M12-SD-CC-IDC-4P-DCOD-F-STR-SHLD



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

Part number	21 03 382 2400
Specification	M12-SD-CC-IDC-4P-DCOD-F-STR-SHLD
HARTING eCatalogue	https://harting.com/21033822400

Identification

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

Version

Termination method	HARAX® connection technology
Gender	Female
Shielding	Shielded
Number of contacts	4
Coding	D-coding
Locking type	Screw locking
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
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	15
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
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

Specifications and approvals

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

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Commercial data

Packaging size	1
Net weight	41 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140225350
eCl@ss	27440116 Circular connector (for field assembly)
ETIM	EC002635
UNSPSC 24.0	39121413

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