

## M12-PP-CC-IDC-4P-DCOD-F-STR-SHLD



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

Part number	21 03 382 2401
Specification	M12-PP-CC-IDC-4P-DCOD-F-STR-SHLD
HARTING eCatalogue	<a href="https://b2b.harting.com/21033822401">https://b2b.harting.com/21033822401</a>

### Identification

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

### Version

Termination method	HARAX <sup>®</sup> connection technology
Gender	Female
Shielding	Shielded
Number of contacts	4
Coding	D-coding
Locking type	PushPull
Details	For Fast Ethernet applications only

### Technical characteristics

Conductor cross-section	0.34 mm <sup>2</sup>
Conductor cross-section	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



Pushing Performance

## 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	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C
Mating cycles	$\geq 100$
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 (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	No
REACH ANNEX XIV substances	No
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	Nickel Lead Naphthalene

## Specifications and approvals

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



Pushing Performance

### Specifications and approvals

PROFINET	Yes
----------	-----

### Commercial data

Packaging size	1
Net weight	60.5 g
Country of origin	Romania
European customs tariff number	85389099
eCl@ss	27440102 Circular connector (for field assembly)