

M12-PP-CC-IDC-4p-ACOD-F-STR-SHLD



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

| | |
|--------------------|---|
| Part number | 21 03 322 2401 |
| Specification | M12-PP-CC-IDC-4p-ACOD-F-STR-SHLD |
| HARTING eCatalogue | https://b2b.harting.com/21033222401 |

Identification

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

Version

| | |
|--------------------|--|
| Termination method | HARAX [®] connection technology |
| Gender | Female |
| Shielding | Shielded |
| Number of contacts | 4 |
| Coding | A-coding |
| Locking type | Outer PushPull |

Technical characteristics

| | |
|-------------------------|----------------------|
| Conductor cross-section | 0.34 mm ² |
| 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 |
| Overvoltage category | III |



Pushing Performance
Since 1945

Technical characteristics

| | |
|--|--|
| Insulation resistance | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Limiting temperature | $-40 \dots +85 \text{ }^\circ\text{C}$ |
| Mating cycles | ≥ 100 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |
| Cable diameter | 5.7 ... 8.8 mm |
| Isolation group | I ($600 \leq \text{CTI}$) |

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 | 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 |
| | Naphthalene |

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 |

Commercial data

| | |
|----------------|---|
| Packaging size | 1 |
|----------------|---|



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Commercial data

| | |
|--------------------------------|--|
| Net weight | 54 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140226784 |
| ETIM | EC002635 |
| eCl@ss | 27440116 Circular connector (for field assembly) |

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