

M8-CC-IDC-4P-DCOD-M-STR-SHLD



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

| | |
|--------------------|---|
| Part number | 21 02 185 1405 |
| Specification | M8-CC-IDC-4P-DCOD-M-STR-SHLD |
| HARTING eCatalogue | https://b2b.harting.com/21021851405 |

Identification

| | |
|---------------|------------------------|
| Category | Connectors |
| Series | Circular connectors M8 |
| Element | Cable connector |
| Specification | Straight |

Version

| | |
|--------------------|--|
| Termination method | HARAX [®] connection technology |
| Gender | Male |
| Shielding | Shielded |
| Number of contacts | 4 |
| Coding | D-coding |
| Locking type | Screw locking |

Technical characteristics

| | |
|------------------------------|------------------------------|
| Conductor cross-section | AWG 22 |
| Rated current | 4 A |
| Rated voltage | 60 V |
| 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 |



Pushing Performance
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Technical characteristics

| | |
|---|------------------------------|
| Insulation resistance | >10 ⁸ Ω |
| Contact resistance | ≤10 mΩ |
| Tightening torque | 0.4 Nm |
| Wrench size (knurled screw / knurled nut) | 13 |
| Limiting temperature | -40 ... +85 °C |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 locked condition |
| Cable diameter | 6.2 ... 6.8 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) | Polyamide (PA) 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 |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R26 |

Specifications and approvals

| | |
|----------------|-----------------|
| Specifications | IEC 61076-2-114 |
|----------------|-----------------|

Commercial data

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



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Commercial data

| | |
|--------------------------------|--|
| Net weight | 25 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| GTIN | 5713140224766 |
| eCl@ss | 27440116 Circular connector (for field assembly) |