

## M12-SD-CC-CRIMP-8P-YCOD-M-STR-CF



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

|                    |   |
|--------------------|---|
| Part number        | 21 03 861 1814  |
| Specification      | M12-SD-CC-CRIMP-8P-YCOD-M-STR-CF  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21038611814">https://b2b.harting.com/21038611814</a> |

### Identification

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

### Version

|                          |   |
|--------------------------|---|
| Termination method       | Crimp termination                       |
| Gender                   | Male                                    |
| Shielding                | Shielded                                |
| Number of contacts       | 8                                       |
| Number of data contacts  | 4                                       |
| Number of power contacts | 4                                       |
| Coding                   | Y-coding                                |
| Locking type             | Screw locking                           |
| Details                  | Please order crimp contacts separately. |
| Details                  | For Fast Ethernet applications only     |

### Technical characteristics

|                         |   |
|-------------------------|---|
| Conductor cross-section | 0.13 ... 0.82 mm <sup>2</sup><br>0.08 ... 0.25 mm <sup>2</sup> Data |
| Conductor cross-section | AWG 26 ... AWG 18<br>AWG 28 ... AWG 23 Data                         |
| Rated current           | 6 A   |



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## Technical characteristics

|   |                             |
|---|-----------------------------|
| Rated voltage                             | 50 V                        |
| Rated impulse voltage                     | 1.5 kV                      |
| Pollution degree                          | 3                           |
| Rated current (data)                      | 0.5 A                       |
| Overvoltage category                      | III                         |
| Insulation resistance                     | $>10^8 \Omega$              |
| Contact resistance                        | $\leq 10 \text{ m}\Omega$   |
| Tightening torque                         | 0.6 Nm                      |
| Wrench size (knurled screw / knurled nut) | 17                          |
| Limiting temperature                      | -40 ... +85 °C              |
| Mating cycles                             | $\geq 500$                  |
| Degree of protection acc. to IEC 60529    | IP65 / IP67 mated condition |
| Isolation group                           | I ( $600 \leq \text{CTI}$ ) |

## Material properties

|                                      |  |
|--------------------------------------|--|
| Material (insert)                    | Polyamide (PA)   |
| 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   |
| California Proposition 65 substances | Yes  |
| California Proposition 65 substances | Lead   |

## Specifications and approvals

|                |                 |
|----------------|-----------------|
| Specifications | IEC 61076-2-113 |
|----------------|-----------------|

## Commercial data

|                |      |
|----------------|------|
| Packaging size | 1    |
| Net weight     | 45 g |



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## Commercial data

|                                |  |
|--------------------------------|--|
| Country of origin              | Romania  |
| European customs tariff number | 85366990   |
| GTIN                           | 5713140227378                                    |
| eCl@ss                         | 27440116 Circular connector (for field assembly) |