

## M12-PP-CC-CRIMP-SCOD-F-STR-SHLD



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

|                    |   |
|--------------------|---|
| Part number        | 21 03 896 2425  |
| Specification      | M12-PP-CC-CRIMP-SCOD-F-STR-SHLD   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21038962425">https://b2b.harting.com/21038962425</a> |

### Identification

|                |                         |
|----------------|-------------------------|
| Category       | Connectors              |
| Series         | Circular connectors M12 |
| Identification | Power<br>PushPull       |
| Element        | Cable connector         |
| Specification  | Straight                |

### Version

|                                   |   |
|-----------------------------------|---|
| Termination method                | Crimp termination                       |
| Gender                            | Female                                  |
| Shielding                         | Shielded                                |
| Number of contacts                | 4                                       |
| Number of power contacts          | 3                                       |
| Number of special contacts        | 1                                       |
| Specification of special contacts | PE contact                              |
| Coding                            | S-coding                                |
| Locking type                      | Outer PushPull                          |
| Details                           | Please order crimp contacts separately. |

### Technical characteristics

|                         |                             |
|-------------------------|-----------------------------|
| Conductor cross-section | 0.5 ... 2.5 mm <sup>2</sup> |
| Conductor cross-section | AWG 20 ... AWG 14           |
| Rated current           | 12 A                        |



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## Technical characteristics

|  |                             |
|--|-----------------------------|
| Rated voltage                          | 630 V                       |
| Rated impulse voltage                  | 6 kV                        |
| Pollution degree                       | 3                           |
| Overvoltage category                   | III                         |
| Insulation resistance                  | $>10^8 \Omega$              |
| Contact resistance                     | $\leq 10 \text{ m}\Omega$   |
| Limiting temperature                   | -40 ... +125 °C             |
| Mating cycles                          | $\geq 100$                  |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |
| Cable diameter                         | 5.1 ... 10.1 mm             |
| Isolation group                        | I ( $600 \leq \text{CTI}$ ) |

## Material properties

|                                     |                      |
|-------------------------------------|----------------------|
| Material (insert)                   | Polyamide (PA)       |
| 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        |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels  | R26                  |

## Specifications and approvals

|                |                                    |
|----------------|------------------------------------|
| Specifications | IEC 61076-2-111<br>IEC 61076-2-010 |
|----------------|------------------------------------|

## Commercial data

|                                |               |
|--------------------------------|---------------|
| Packaging size                 | 1             |
| Net weight                     | 70 g          |
| Country of origin              | Romania       |
| European customs tariff number | 85366990      |
| GTIN                           | 5713140227033 |



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## Commercial data

eCl@ss

27440116 Circular connector (for field assembly)

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