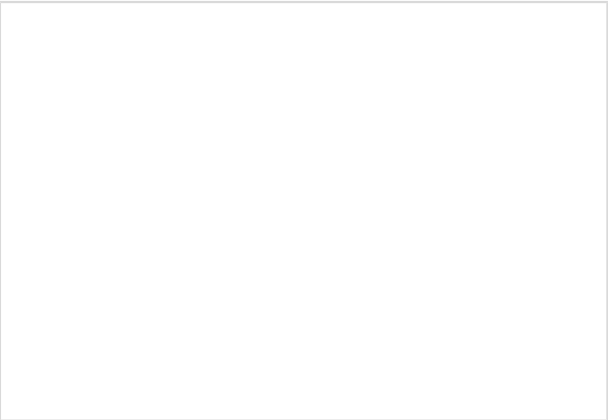




Pushing Performance  
Since 1945

# M12-CC-SCR-PUSH-IN-5P-LCOD-F-STR



|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 21 12 999 2510                                                                        |
| Specification      | M12-CC-SCR-PUSH-IN-5P-LCOD-F-STR                                                      |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21129992510">https://b2b.harting.com/21129992510</a> |

## Identification

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

## Version

|                                   |               |
|-----------------------------------|---------------|
| Termination method                | Push-In       |
| Gender                            | Female        |
| Shielding                         | Unshielded    |
| Number of contacts                | 5             |
| Number of power contacts          | 4             |
| Number of special contacts        | 1             |
| Specification of special contacts | FE contact    |
| Coding                            | L-coding      |
| Locking type                      | Screw locking |

## Technical characteristics

|                         |                             |
|-------------------------|-----------------------------|
| Conductor cross-section | 0.5 ... 2.5 mm <sup>2</sup> |
| Rated current           | 16 A                        |
| Rated voltage           | 63 V                        |
| Rated impulse voltage   | 1.5 kV                      |
| Pollution degree        | 3                           |
| Overvoltage category    | III                         |



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## Technical characteristics

|                                           |                             |
|-------------------------------------------|-----------------------------|
| Insulation resistance                     | $>10^8 \Omega$              |
| Contact resistance                        | $\leq 10 \text{ m}\Omega$   |
| Tightening torque                         | 0.6 Nm                      |
| Wrench size (knurled screw / knurled nut) | 24                          |
| Limiting temperature                      | -40 ... +125 °C             |
| Mating cycles                             | $\geq 100$                  |
| Degree of protection acc. to IEC 60529    | IP65 mated condition        |
| Cable diameter                            | 6.6 ... 11.6 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  |
| California Proposition 65 substances | Not contained  |

## Specifications and approvals

|                |                 |
|----------------|-----------------|
| Specifications | IEC 61076-2-111 |
| PROFINET       | Yes             |

## Commercial data

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Packaging size                 | 1                                                |
| Country of origin              | Germany                                          |
| European customs tariff number | 85366990                                         |
| GTIN                           | 5713140455115                                    |
| ETIM                           | EC002635                                         |
| eCl@ss                         | 27440116 Circular connector (for field assembly) |

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