



Pushing Performance  
Since 1945

# M12 D-cod 4-pol st/st m/m PUR PP 1.5m



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 21 40 404 0445 015                                                                  |
| Specification      | M12 D-cod 4-pol st/st m/m PUR PP 1.5m                                               |
| HARTING eCatalogue | <a href="https://harting.com/21404040445015">https://harting.com/21404040445015</a> |

## Identification

|               |                               |
|---------------|-------------------------------|
| Category      | System cabling                |
| Series        | Circular connectors M12       |
| Element       | Cable assemblies              |
| Specification | Pre-assembled on both sides   |
| Connector 1   | M12 D-coding<br>Male Straight |
| Connector 2   | M12 D-coding<br>Male Straight |
| Type of cable | Copper cable (round)          |

## Version

|                    |             |
|--------------------|-------------|
| Cable length       | 1.5 m       |
| Number of cores    | 4           |
| Core structure     | 4x AWG 22/7 |
| Shielding          | Shielded    |
| Number of contacts | 4           |
| Coding             | D-coding    |
| Locking type       | PushPull    |

## Technical characteristics

|                              |                              |
|------------------------------|------------------------------|
| Rated voltage                | 48 V AC<br>60 V DC           |
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |



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## Technical characteristics

|                                        |                                                                                                                   |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Limiting temperature                   | -40 ... +70 °C moved<br>-20 ... +60 °C unmoved                                                                    |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition                                                                                       |
| Cable diameter                         | 6.5 mm ± 0.2 mm                                                                                                   |
| Minimum bending radius                 | 3x Cable diameter (singular bending)<br>7x Cable diameter (repeated bending)                                      |
| Bending cycles                         | ≥ 3.000.000 & 7x Cable diameter & traversing distance ≤ 0.2 m & speed ≤ 4 m/s & acceleration ≤ 4 m/s <sup>2</sup> |

## Material properties

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| Material (cable)                     | PUR (polyurethane)                                     |
| Colour (cable)                       | Green                                                  |
| 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                     | 760691ac-b4d2-427c-9996-5886190b813b                   |
| California Proposition 65 substances | Yes                                                    |
| California Proposition 65 substances | Lead                                                   |

## Specifications and approvals

|                |              |
|----------------|--------------|
| Specifications | UN/ECE-R 118 |
|----------------|--------------|

## Commercial data

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Packaging size                 | 1                                            |
| Net weight                     | 308 g                                        |
| Country of origin              | Romania                                      |
| European customs tariff number | 85444290                                     |
| GTIN                           | 5713140489943                                |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |
| ETIM                           | EC002599                                     |



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UNSPSC 24.0

26121600

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