



Pushing Performance  
Since 1945

# M12 A-cod 8-pol st/st m/m PUR PP 1.0m



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 21 40 202 0882 010                                                                  |
| Specification      | M12 A-cod 8-pol st/st m/m PUR PP 1.0m                                               |
| HARTING eCatalogue | <a href="https://harting.com/21402020882010">https://harting.com/21402020882010</a> |

## Identification

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

## Version

|                    |                         |
|--------------------|-------------------------|
| Cable length       | 1 m                     |
| Number of cores    | 8                       |
| Core structure     | 8x 0.25 mm <sup>2</sup> |
| Shielding          | Shielded                |
| Number of contacts | 8                       |
| Coding             | A-coding                |
| Locking type       | PushPull                |

## Technical characteristics

|                      |                                                |
|----------------------|------------------------------------------------|
| Rated voltage        | 30 V AC<br>30 V DC                             |
| Limiting temperature | -50 ... +80 °C moved<br>-30 ... +80 °C unmoved |



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## Technical characteristics

|                                        |                                                                               |
|----------------------------------------|-------------------------------------------------------------------------------|
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition                                                   |
| Cable diameter                         | 5.3 mm ± 0.2 mm                                                               |
| Minimum bending radius                 | 5x Cable diameter (singular bending)<br>10x Cable diameter (repeated bending) |

## Material properties

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| Material (cable)                     | PUR (polyurethane)                                     |
| Colour (cable)                       | Black                                                  |
| 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                     | 567c8b78-5fa0-43aa-a4c0-beb9d99b7769                   |
| California Proposition 65 substances | Yes                                                    |
| California Proposition 65 substances | Lead<br>Nickel                                         |

## Commercial data

|                                |                                         |
|--------------------------------|-----------------------------------------|
| Packaging size                 | 1                                       |
| Net weight                     | 103 g                                   |
| Country of origin              | Romania                                 |
| European customs tariff number | 85444290                                |
| GTIN                           | 5713140491328                           |
| eCl@ss                         | 27060311 Assembled sensor actuator-line |
| UNSPSC 24.0                    | 26121604                                |