



Pushing Performance  
Since 1945

# Han M12 Crimp A-coded male



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

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 09 14 821 1805                                                                        |
| Specification      | Han M12 Crimp A-coded male                                                            |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09148211805">https://b2b.harting.com/09148211805</a> |

## Identification

|          |              |
|----------|--------------|
| Category | Inserts      |
| Series   | Han-Modular® |

## Version

|                    |                                         |
|--------------------|-----------------------------------------|
| Termination method | Crimp termination                       |
| Gender             | Male                                    |
| Number of contacts | 8                                       |
| further contacts   | + shielding                             |
| Coding             | A-coding                                |
| Details            | Please order crimp contacts separately. |

## Technical characteristics

|                               |                    |
|-------------------------------|--------------------|
| Conductor cross-section       | 0.13 ... 0.33 mm²  |
| Conductor cross-section [AWG] | AWG 26 ... AWG 22  |
| Wire outer diameter           | ≤1.65 mm           |
| Wire outer diameter           | ≤1.65 mm           |
| Rated current                 | 2 A                |
| Rated voltage                 | 30 V AC<br>30 V DC |
| Rated impulse voltage         | 0.8 kV             |
| Pollution degree              | 3                  |
| Insulation resistance         | >10 <sup>8</sup> Ω |
| Contact resistance            | ≤10 mΩ             |



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## Technical characteristics

|                               |                |
|-------------------------------|----------------|
| Contact resistance, shielding | ≤100 mΩ        |
| Tightening torque             | 0.6 Nm         |
| Wrench size                   | 12             |
|                               | 13             |
| Limiting temperature          | -40 ... +85 °C |
| Mating cycles                 | ≥500           |
| Cable diameter                | 5.7 ... 8.8 mm |

## Material properties

|                                           |                              |
|-------------------------------------------|------------------------------|
| Material (insert)                         | Liquid crystal polymer (LCP) |
| Material (shielding)                      | Copper alloy, nickel plated  |
| Material flammability class acc. to UL 94 | V-0                          |
| 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 60664-1 |
|                | IEC 61984   |

## Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Packaging size                 | 1                                                 |
| Net weight                     | 30.52 g                                           |
| Country of origin              | Romania                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140572843                                     |
| ETIM                           | EC000438                                          |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |