

# Han shielded module basic plus, male



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 14 027 3022                                                                |
| Specification      | Han shielded module basic plus, male                                          |
| HARTING eCatalogue | <a href="https://harting.com/09140273022">https://harting.com/09140273022</a> |

## Identification

|                           |                                 |
|---------------------------|---------------------------------|
| Category                  | Modules                         |
| Series                    | Han-Modular®                    |
| Type of module            | Han® Shielded module basic plus |
| Size of the module        | Single module                   |
| Description of the module | With 360° shielding element     |

## Version

|                    |                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------|
| Termination method | Crimp termination                                                                                |
| Gender             | Male                                                                                             |
| Number of contacts | 27                                                                                               |
| further contacts   | + shielding                                                                                      |
| Details            | With additional shield connection to the hinged frame<br>Please order crimp contacts separately. |

## Technical characteristics

|                         |                     |
|-------------------------|---------------------|
| Conductor cross-section | 0.09 ... 0.52 mm²   |
| Wire outer diameter     | ≤2.3 mm             |
| Rated current           | 4 A                 |
| Rated voltage           | 32 V                |
| Rated impulse voltage   | 0.8 kV              |
| Pollution degree        | 3                   |
| Insulation resistance   | >10 <sup>10</sup> Ω |
| Limiting temperature    | -40 ... +125 °C     |



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## Technical characteristics

|               |      |
|---------------|------|
| Mating cycles | ≥500 |
|---------------|------|

## Material properties

|                                           |                                     |
|-------------------------------------------|-------------------------------------|
| Material (insert)                         | Polycarbonate (PC)                  |
| Colour (insert)                           | RAL 7032 (pebble grey)              |
| 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                       |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08) + A1 (2023-10) |
| Requirement set with Hazard Levels        | R22 (HL 1-3)<br>R23 (HL 1-3)        |

## Specifications and approvals

|                |                              |
|----------------|------------------------------|
| Specifications | IEC 60664-1                  |
|                | IEC 61984                    |
|                | IEC 61373 Category 1 Class B |

## Commercial data

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Packaging size                 | 1                                                |
| Net weight                     | 14.98 g                                          |
| Country of origin              | China                                            |
| European customs tariff number | 85389099                                         |
| GTIN                           | 5713140184992                                    |
| eCl@ss                         | 27440218 Module for industrial connectors (data) |
| ETIM                           | EC000438                                         |
| UNSPSC 24.0                    | 39121552                                         |