

## RJI RJ45 PN Cat.5, 4p jack IDC AWG24-22



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

|                    |   |
|--------------------|---|
| Part number        | 09 45 545 1120  |
| Specification      | RJI RJ45 PN Cat.5, 4p jack IDC AWG24-22   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09455451120">https://b2b.harting.com/09455451120</a> |

### Identification

|               |                        |
|---------------|------------------------|
| Category      | Connectors             |
| Series        | HARTING RJ Industrial® |
| Element       | Female                 |
| Specification | RJ45<br>HIFF version   |

### Version

|                    |  |
|--------------------|--|
| Termination method | IDC termination                        |
| Shielding          | Fully shielded, 360° shielding contact |
| Number of contacts | 4                                      |

### Technical characteristics

|  |  |
|--|--|
| Conductor cross-section                | 0.22 ... 0.32 mm <sup>2</sup> solid and stranded |
| Conductor cross-section                | AWG 24 ... AWG 22                                |
| Wire outer diameter                    | 1.7 mm   |
| Rated current                          | 1.76 A   |
| Rated voltage                          | 50 V AC<br>60 V DC                               |
| Transmission characteristics           | Cat. 5 Class D up to 100 MHz                     |
| Data rate                              | 10 Mbit/s<br>100 Mbit/s                          |
| Limiting temperature                   | -40 ... +70 °C                                   |
| Mating cycles                          | ≥750   |
| Degree of protection acc. to IEC 60529 | IP20   |



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## Technical characteristics

|                |            |
|----------------|------------|
| Cable diameter | 5 ... 9 mm |
|----------------|------------|

## Material properties

|   |                    |
|---|--------------------|
| Material (insert)                         | Polycarbonate (PC) |
| Colour (insert)                           | White<br>Yellow    |
| Material (hood/housing)                   | Zinc die-cast      |
| Surface (hood/housing)                    | Nickel plated      |
| Material flammability class acc. to UL 94 | V-2                |
| 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      |

## Specifications and approvals

|           |        |
|-----------|--------|
| Approvals | DNV GL |
| PROFINET  | Yes    |

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 1   |
| Net weight                     | 22 g  |
| Country of origin              | Latvia  |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140061163                                     |
| ETIM                           | EC000438  |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |