

## PP-V14-CC-IDC-RJ45-4P-P-M-STR-SHLD



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

|                    |   |
|--------------------|---|
| Part number        | 09 35 229 0401  |
| Specification      | PP-V14-CC-IDC-RJ45-4P-P-M-STR-SHLD  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09352290401">https://b2b.harting.com/09352290401</a> |

### Identification

|               |  |
|---------------|--|
| Category      | Connectors                             |
| Series        | Han <sup>®</sup> PushPull (V14)        |
| Element       | Connector                              |
| Specification | AIDA compliant<br>PROFINET<br>Straight |

### Version

|                    |   |
|--------------------|---|
| Termination method | IDC termination   |
| Shielding          | Fully shielded, 360° shielding contact  |
| Number of contacts | 4   |
| Coding             | RJ45  |
| Details            | When installing a PROFINET system, observe the PROFINET installation guideline. |

### Technical characteristics

|                              |   |
|------------------------------|---|
| Conductor cross-section      | 0.12 ... 0.32 mm <sup>2</sup> Stranded<br>0.12 ... 0.32 mm <sup>2</sup> Solid |
| Conductor cross-section      | AWG 26/7 ... AWG 22/7 Stranded<br>AWG 24/1 ... AWG 22/1 Solid                 |
| Wire outer diameter          | 0.8 ... 1.6 mm  |
| Transmission characteristics | Cat. 5 Class D up to 100 MHz  |
| Data rate                    | 10 Mbit/s<br>100 Mbit/s   |
| Limiting temperature         | -40 ... +85 °C  |



Pushing Performance

## Technical characteristics

|  |                |
|--|----------------|
| Mating cycles                          | ≥750           |
| Degree of protection acc. to IEC 60529 | IP65<br>IP67   |
| Cable diameter                         | 6.5 ... 9.5 mm |

## Material properties

|                         |   |
|-------------------------|---|
| Surface (contacts)      | Au over Ni Mating side<br>Sn over Ni Termination side |
| Material (hood/housing) | Zinc die-cast   |
| Surface (hood/housing)  | Nickel plated   |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | IEC 60603-7 Mating face<br>IEC 11801<br>EN 50173-1<br>IEC 61076-3-117 Variant 14 |
| Approvals      | DNV GL   |
| PROFINET       | Yes  |

## Commercial data

|                                |                                       |
|--------------------------------|---------------------------------------|
| Packaging size                 | 1                                     |
| Net weight                     | 94 g                                  |
| Country of origin              | Germany                               |
| European customs tariff number | 85366990                              |
| eCl@ss                         | 27440101 Rectangular connectors (set) |