

Han PP V14 RJ45 plug PN metal 5-8mm

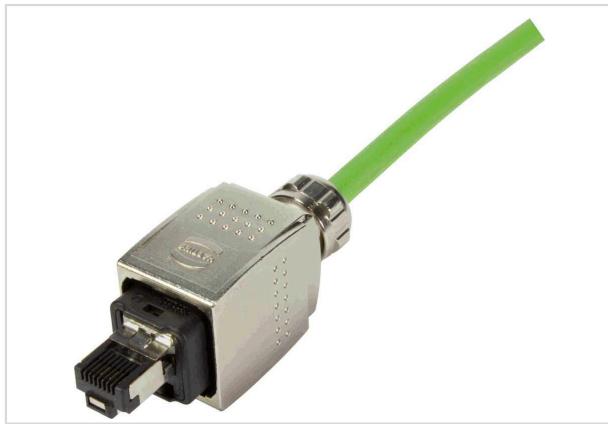


Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|-------------------------------------------------------------------------------|
| Part number | 09 35 222 0401 |
| Specification | Han PP V14 RJ45 plug PN metal 5-8mm |
| HARTING eCatalogue | https://harting.com/09352220401 |

Identification

| | |
|---------------|-----------------------------------------------------------------|
| Category | Connectors |
| Series | Han® PushPull (V14) RJ45 |
| Element | Connector sets |
| Specification | AIDA compliant PROFINET-Identification: PROFINET O-Plug RJ45 |
| Features | Intuitive locking mechanism Suitable for all PoE versions |

Version

| | |
|--------------------|---------------------------------------------------------------------------------|
| Termination method | IDC insulation displacement termination |
| Shielding | Fully shielded, 360° shielding contact |
| Number of contacts | 4 |
| Locking type | PushPull |
| Details | When installing a PROFINET system, observe the PROFINET installation guideline. |
| Pack contents | incl. housing and male insert |

Technical characteristics

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|-------------------------------|---------------------------------------------------------------|
| Conductor cross-section | 0.22 ... 0.32 mm² Stranded 0.26 ... 0.32 mm² Solid |
| Conductor cross-section [AWG] | AWG 27/7 ... AWG 22/7 Stranded AWG 27/1 ... AWG 22/1 Solid |
| Wire outer diameter | ≤1.6 mm |
| Rated current | 1.75 A |

Technical characteristics

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|----------------------------------------|------------------------------|
| Rated voltage | 50 V |
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Data rate | 10 Mbit/s 100 Mbit/s |
| Limiting temperature | -40 ... +70 °C |
| Storage temperature | +5 ... +50 °C |
| Mating cycles | ≥750 |
| Degree of protection acc. to IEC 60529 | IP65 IP67 |
| Cable diameter | 5 ... 8 mm |

Material properties

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|-------------------------------------------|----------------------------------------------------------|
| Surface (contacts) | Au over Ni Mating side Sn over Ni Termination side |
| Material (hood/housing) | Zinc die-cast |
| Surface (hood/housing) | Nickel plated |
| Material (O-ring) | NBR |
| Material (cable seal) | TPE |
| Material flammability class acc. to UL 94 | V-0 |
| 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 | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one |
| ECHA SCIP number | d361ed36-dee0-4df8-9f2e-b62dd7563c1a |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |

Specifications and approvals

| | |
|----------------|---------------------------------------------------------------------------|
| Specifications | IEC 61076-3-117 Variant 14 (V14) IEC 60603-7 Mating face EN 45545-2 |
|----------------|---------------------------------------------------------------------------|

Specifications and approvals

| | |
|-----------|------------------------------------------------------------|
| UL / CSA | UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 |
| Approvals | DNV GL |
| PROFINET | Yes |

Commercial data

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|--------------------------------|-----------------------------------------------------|
| Packaging size | 10 |
| Net weight | 91.71 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140223912 |
| eCl@ss | 27440114 Rectangular connector (for field assembly) |
| ETIM | EC002636 |
| UNSPSC 24.0 | 39121408 |