

PP-V14-CC-IDC-RJ45-8P-P-M-ANG-BOT-SHLD



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

| | |
|--------------------|---|
| Part number | 09 35 220 0402 |
| Specification | PP-V14-CC-IDC-RJ45-8P-P-M-ANG-BOT-SHLD |
| HARTING eCatalogue | https://b2b.harting.com/09352200402 |

Identification

| | |
|---------------|---|
| Category | Connectors |
| Series | Han [®] PushPull (V14) |
| Element | Connector |
| Specification | AIDA compliant PROFINET Multi Feature RJ45 Angled bottom |
| Features | Suitable for all PoE versions |

Version

| | |
|--------------------|--|
| Termination method | IDC termination |
| Shielding | Fully shielded, 360° shielding contact |
| Number of contacts | 8 |
| Coding | RJ45 |

Technical characteristics

| | |
|------------------------------|---|
| Conductor cross-section | 0.12 ... 0.32 mm ² Stranded 0.12 ... 0.32 mm ² Solid |
| Conductor cross-section | AWG 26/7 ... AWG 22/7 Stranded AWG 24/1 ... AWG 22/1 Solid |
| Wire outer diameter | 0.8 ... 1.6 mm |
| Transmission characteristics | Cat. 6 _A Class E _A up to 500 MHz |



Pushing Performance
 Since 1945

Technical characteristics

| | |
|--|--|
| Data rate | 10 Mbit/s |
| | 100 Mbit/s |
| | 1 Gbit/s |
| | 2.5 Gbit/s |
| | 5 Gbit/s |
| | 10 Gbit/s |
| Limiting temperature | -40 ... +85 °C |
| Mating cycles | ≥750 |
| Degree of protection acc. to IEC 60529 | IP65 |
| | IP67 |
| Cable diameter | 6.5 ... 9.5 mm |
| Vibration resistance | 10-500 Hz, 0.35 mm / 50 m/s ² , 2h/Achse |
| | 5.72 m/s ² acc. to IEC 61373 Category 1 Class B |
| Shock resistance | 50 g / 30 ms, 3 shocks / axis and direction acc. to IEC 61373 Category 1 Class B |

Material properties

| | |
|--------------------------------------|-----------------------------|
| Surface (contacts) | Au over Ni Mating side |
| | Sn over Ni Termination side |
| Material (hood/housing) | Zinc die-cast |
| Surface (hood/housing) | Nickel plated |
| 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 60603-7 Mating face |
| | ISO/IEC 11801 |
| | EN 50173-1 |
| | IEC 61076-3-117 Variant 14 |
| Approvals | DNV GL |
| PROFINET | Yes |

Commercial data

| | |
|----------------|---|
| Packaging size | 1 |
|----------------|---|



Pushing Performance
Since 1945

Commercial data

| | |
|--------------------------------|---|
| Net weight | 93.75 g |
| Country of origin | Latvia |
| European customs tariff number | 85366990 |
| GTIN | 5713140224285 |
| ETIM | EC002636 |
| eCl@ss | 27440114 Rectangular connector (for field assembly) |