

# RJ45 plug connector - VS-08-RJ45-5-Q/IP67 - 1656990

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RJ45 connector, IP67, CAT5e, 8-pos., with QUICKON fast connection technology, for 1-wire and 7-wire conductors AWG 26 ... 22, for cable diameter of 5.0 mm ... 8.0 mm, TIA 568 B labeling, color: gray



## Key commercial data

|                        |   |
|------------------------|---|
| Packing unit           | 1   |
| Minimum order quantity | 1   |
| Catalog page           | Page 287 (PC-2011)  |
| GTIN                   | <br>4 046356 081399 |
| Custom tariff number   | 85366990  |
| Country of origin      | GERMANY   |

## Technical data

### Mechanical characteristics

|                                 |  |
|---------------------------------|--|
| Number of positions             | 8  |
| Connection profile              | RJ45 8(8)  |
| Shielded                        | Yes  |
| Insertion/withdrawal cycles     | ≥ 1000   |
| Connection method               | IDC fast connection                                      |
| Conductor cross section         | 0.13 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (solid)    |
| Conductor cross section         | 0.14 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (stranded) |
| Connection cross section AWG    | 26 ... 22 (solid)  |
| Connection cross section AWG    | 26 ... 22 (stranded)                                     |
| External cable diameter         | 5 mm ... 8 mm  |
| Cable exit                      | Straight   |
| Color                           | Military gray RAL 7042                                   |
| Ambient temperature (operation) | -20 °C ... 70 °C   |

### Material data

|   |    |
|---|----|
| Inflammability class according to UL 94 | V0 |
| Housing material                        | PA |
| Contact carrier material                | PC |

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## Technical data

### Material data

|                                    |                  |
|------------------------------------|------------------|
| Contact material                   | Copper alloy     |
| Contact surface material           | Gold over nickel |
| Material, O-ring                   | FPM              |
| Cable seal material                | NBR              |
| Material housing intermediate seal | NBR              |
| Degree of protection               | IP67             |

### Electrical characteristics

|   |  |
|---|--|
| Number of positions                     | 8  |
| Transmission characteristics (category) | CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001) |
| Rated current                           | 1.75 A                                       |
| Surge voltage category                  | I  |
| Pollution degree                        | 2  |

## Classifications

### eclass

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140816 |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260705 |
| eCl@ss 7.0 | 27440309 |

### etim

|          |          |
|----------|----------|
| ETIM 2.0 | EC000764 |
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |

### unspsc

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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## Approvals

Ex Approvals

Approvals submitted

## Approval details

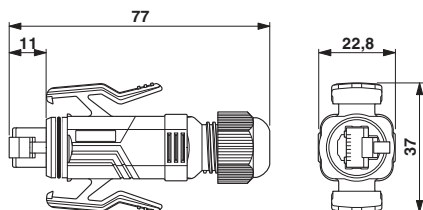
|                                |        |
|--------------------------------|--------|
| UL Recognized                  |        |
| mm <sup>2</sup> /AWG/kcmil     | 22     |
| Nominal current I <sub>N</sub> | 1.75 A |
| Nominal voltage U <sub>N</sub> | 50 V   |

|                                |        |
|--------------------------------|--------|
| cUL Recognized                 |        |
| mm <sup>2</sup> /AWG/kcmil     | 22     |
| Nominal current I <sub>N</sub> | 1.75 A |
| Nominal voltage U <sub>N</sub> | 50 V   |

|                  |  |
|------------------|--|
| cULus Recognized |  |
|------------------|--|

## Drawings

Dimensioned drawing



RJ45 plug connectors, IP67, QUICKON fast connection technology

