



**intercontec**  
products

# 940 Plug

**speedtec**

8-pin

EMC - Shielding

Earth-to-Housing Connection according to VDE 0627

## Technical Data

|                   |                         |
|-------------------|-------------------------|
| number of pins    | 8                       |
| power             | 4 (3+PE)                |
| signal            | 4                       |
| temperature range | -20 °C to 130 °C        |
| clamping range    | Ø 16.5 mm to Ø 25.0 mm  |
| protection type   | when connected IP 66/67 |

## Electrical Data

|                                |                            |                             |
|--------------------------------|----------------------------|-----------------------------|
| rated current                  | <b>power</b><br>max. 75 A* | <b>signal</b><br>max. 30 A* |
| rated voltage                  | 630V (AC/DC)               | 250 V (AC/DC)               |
| rated insulation voltage (L-L) | 6000 V                     | 4000 V                      |

|               |     |
|---------------|-----|
| mating cycles | 500 |
|---------------|-----|

## Data according to VDE 0110/EN61984, Paragraph 6.19.2.2

|                           |        |
|---------------------------|--------|
| pollution degree          | 3      |
| over voltage category     | III    |
| max. height for operation | 2000 m |

## Material

|                   |                              |
|-------------------|------------------------------|
| housing           | zinc diecast / nickel plated |
| insulation insert | PA 6.6 mod., UL 94/V0        |
| seals             | FKM                          |
| contacts          | brass / gold plated          |
| contacts          | brass / gold plated          |
| clamp ring        | zinc diecast / nickel plated |

## Contacts

|                    |                                     |
|--------------------|-------------------------------------|
| Item / TCPN:       | 60.227.11 / 60-0227-011-000         |
| type               | Contact Socket 3.6 mm               |
| cross section      | crimp/ 6.00 - 16.00 mm <sup>2</sup> |
| contact resistance | < 1 mOhm                            |

|                    |                                    |
|--------------------|------------------------------------|
| Item / TCPN:       | 60.023.11 / 60-0023-011-000        |
| type               | Contact Socket 2.0 mm              |
| cross section      | crimp/ 2.50 - 4.00 mm <sup>2</sup> |
| contact resistance | < 3 mOhm                           |

## Tools (not part of product contents)

analog crimping tool for 3,6 mm contacts  
Item / TCPN: C0.008.00 / C0-0008-000-000

digital crimping tool for 1mm-/2 mm- contacts  
Item / TCPN: C0.236.00 / C0-0236-000-000

analog crimping tool for 1 mm-/2 mm- contacts  
Item / TCPN: C0.201.00 / C0-0201-000-000

**C ST A 264 FR 51 45 0020 000**  
**C S A 264 F 51 45 0020 000**



## Contact Arrangement

mating view



## Contact Socket 3.6 mm

crimp/ 6.00 - 16.00 mm<sup>2</sup>  
Item: 60.227.11  
TCPN: 60-0227-011-000



## Contact Socket 2.0 mm

crimp/ 2.50 - 4.00 mm<sup>2</sup>  
Item: 60.023.11  
TCPN: 60-0023-011-000

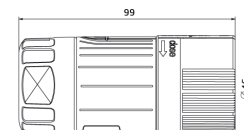


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## Main Dimensions

Plug

\*for max. wire cross-section  
pay attention to the  
cross-section of used contacts