



**intercontec**  
products

# 940 Plug

**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 9.0 mm to Ø 16.0 mm   |
| protection type   | when connected IP 66/67 |

## Electrical Data

|                                |                            |                             |
|--------------------------------|----------------------------|-----------------------------|
| rated current                  | <b>power</b><br>max. 75 A* | <b>signal</b><br>max. 10 A* |
| rated voltage                  | 750 V (AC/DC)              | 250 V (AC/DC)               |
| rated insulation voltage (L-L) | 8000 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:       | 60.225.11 / 60-0225-011-000         |
| type               | Contact Socket 3.6 mm               |
| cross section      | crimp/ 1.50 - 10.00 mm <sup>2</sup> |
| contact resistance | < 1 mOhm                            |

|                    |                                    |
|--------------------|------------------------------------|
| Item / TCPN:       | 60.254.11 / 60-0254-011-000        |
| type               | Contact Socket 2.0 mm              |
| cross section      | crimp/ 0.35 - 2.50 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 48 26 0001 000**  
**C S A 264 F 48 26 0001 000**



## Contact Arrangement

mating view



## Contact Socket 3.6 mm

crimp/ 1.50 - 10.00 mm<sup>2</sup>  
Item: 60.225.11  
TCPN: 60-0225-011-000



## Contact Socket 2.0 mm

crimp/ 0.35 - 2.50 mm<sup>2</sup>  
Item: 60.254.11  
TCPN: 60-0254-011-000

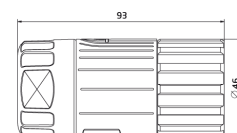


© 2018 TE Connectivity

TE Connectivity, TE connectivity (logo), intercontec (logo) and speedtec are trademarks.

While TE Connectivity (TE) has made every reasonable effort to ensure the accuracy of the information in this presentation, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this article are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

TE Connectivity Industrial GmbH  
Bernrieder Straße 15  
94559 Niederwinkling, Deutschland  
Tel.: +49 9962 2002-0  
Fax: +49 9962 2002-70  
E-Mail: [intercontec@te.com](mailto:intercontec@te.com)  
Web: [www.intercontec.biz](http://www.intercontec.biz)



## Main Dimensions

Plug

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