



Serie 682

Miniatur Rundsteckverbinder Serie 682 Miniature circular connectors series 682

Kurzinformation Brief information

Winkelsteckverbinder

- Winkelsteckverbinder mit Schraubverriegelung nach IEC 130-9
- Schutzart IP 40¹⁾
- Metallgehäuse schirmbar (sehr gute EMV Eigenschaften)
- Winkelstellung bei Metallgehäuse in 4 Stellungen einstellbar
- Kostengünstige Kunststoffausführungen
- Innenliegende Zugentlastung

Cable Connector

- Angeled connector with screw locking according to IEC 130-9
- Degree of protection IP 40¹⁾
- Metal housings with good EMC characteristics
- Angled connector adjustable in 4 angled positions (only metal housings)
- Cost-effective plastic versions
- Internal strain relief

Aufbau des Steckverbinders:
Construction of the connector:



Flanschsteckverbinder

- 1 Standard: mit Lötanschluss, wird von vorn eingesetzt und von hinten verschraubt.
- 2 Mit Lötanschluss, von vorn verschraubbar, besonders geeignet für vorkonfektionierte Kabelbäume, die nach dem Löten eingebaut werden.
- 3 Mit Tauchlötanschluss, für den Anschluss auf die Leiterplatte (Abbildung vor dem Einbau in das Gehäuse).
- 4 Mit Tauchlötanschluss nach der Gehäusemontage.

Chassis sockets

- 1 Standard, with solder termination, mounted from front side and fastened from back side.
- 2 With solder termination, mounted from back side and fastened from front side, especially suited for preassembled cable trees which are mounted after soldering.
- 3 Dip solder termination for connection to PCB (figure: before built in into housing).
- 4 Dip solder termination after installation into housing.



¹⁾ Erläuterung der Schutzarten siehe Seite TI-3 – TI-4. / ¹⁾ Explanation of protection standards see page TI-3 – TI-4.

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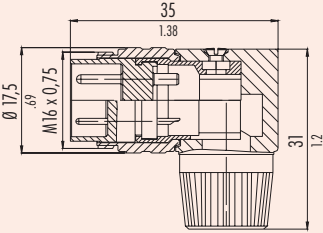

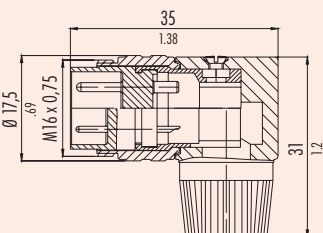

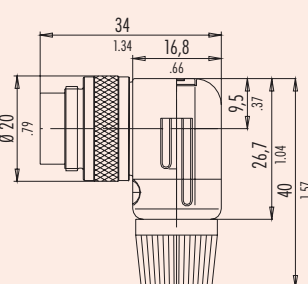

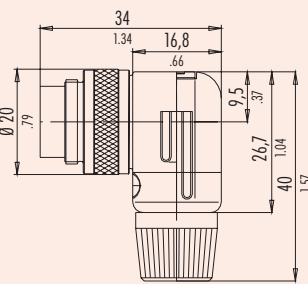
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| Miniatur Rundsteckverbinder Serie 682 Miniature circular connectors series 682 | | Technische Daten ¹⁾ Specifications ¹⁾ | | | | | | | | | | | | | |
|---|-------------------------------|--|-------|-------|---|--------|-------|----------------|-------|-------|----|----|----|------|----|
| Allgemeine Kennwerte | | General Characteristics | | | | | | | | | | | | | |
| Polzahl | Number of contacts | 2 | 3 DIN | 4 | 5 | 5 DIN | 6 DIN | 7 | 7 DIN | 8 DIN | 12 | 14 | 16 | 19 | 24 |
| Verriegelung | Locking system | schrauben / screw | | | | | | | | | | | | | |
| Anschlussart | Termination | löten, tauchlöten / solder, dip solder | | | | | | | | | | | | | |
| Anschlussquerschnitt in mm ² | Wire gauge in mm ² | max. 0,75 | | | | | | max. 0,25 | | | | | | 0,14 | |
| Anschlussquerschnitt in AWG | Wire gauge in AWG | max. 20 | | | | | | max. 24 | | | | | | 26 | |
| Kabeldurchlass | Cable outlet | 4 - 6 mm (.16 - .24) / 6 - 8 mm (.24 - .32) | | | | | | | | | | | | | |
| Schutzart Gehäuse | Shell protection | IP 40 | | | | | | | | | | | | | |
| Mechanische Lebensdauer | Mechanical operation | > 500 Steckzyklen / > 500 mating cycles | | | | | | | | | | | | | |
| Obere Grenztemperatur | Upper temperature | + 85 °C (+ 185 °F) | | | | | | | | | | | | | |
| Untere Grenztemperatur | Lower temperature | - 40 °C (- 40 °F) | | | | | | | | | | | | | |
| Gewicht Kabelsteckverbinder | Weight cable connector | ~ 14 g (Kunststoffausführung/plastic version), ~ 40 g (Metallausführung/metal version) | | | | | | | | | | | | | |
| Gewicht Flanschsteckverbinder | Weight socket | ~ 12 g | | | | | | | | | | | | | |
| Elektrische Kennwerte | | Electrical Characteristics | | | | | | | | | | | | | |
| Bemessungsspannung | Rated voltage | 250 V | | 60 V | | 250 V | | 125 V | | 60 V | | | | | |
| Bemessungs-Stoßspannung | Rated impulse voltage | 1500 V | | 500 V | | 1500 V | | 800 V | | 500 V | | | | | |
| Verschmutzungsgrad | Pollution degree | 1 | | | | | | | | | | | | | |
| Überspannungskategorie | Overvoltage categorie | I | | | | | | | | | | | | | |
| Isolierstoffgruppe | Material group | III | | | | | | | | | | | | | |
| Prüfstoßspannung | Test voltage | 1750 V | | 550 V | | 1750 V | | 910 V | | 550 V | | | | | |
| Bemessungsstrom (40 °C) | Rated current (40 °C) | 7 A | | 6 A | | 5 A | | 3 A | | 1 A | | | | | |
| Durchgangswiderstand | Contact resistance | ≤ 5 mΩ | | | | | | ≤ 3 mΩ | | | | | | | |
| Isolationswiderstand | Insulation resistance | ≥ 10 ¹⁰ Ω | | | | | | | | | | | | | |
| Werkstoffe | | Materials | | | | | | | | | | | | | |
| Kontaktstift | Pin contact | CuZn (Messing/brass) | | | | | | | | | | | | | |
| Kontaktbuchse | Socket contact | CuSn (Bronze/bronze) | | | | | | | | | | | | | |
| Kontaktoberfläche | Contact plating | Ag (Silber/silver) / Au (Gold/gold) | | | | | | Au (Gold/gold) | | | | | | | |
| Steckerkörper | Male insert | PBT (UL 94 V-0) | | | | | | | | | | | | | |
| Buchsenkörper | Female Insert | PBT (UL 94 V-0) | | | | | | | | | | | | | |
| Gehäuse Kunststoffausführung | Housing plastic version | PA 66 (UL 94 HB) | | | | | | | | | | | | | |
| Gehäuse Metallausführung | Housing metal version | Zink-Druckguss, vernickelt/zinc diecasting, nickel plated | | | | | | | | | | | | | |
| Flanschgehäuse | Socket | Zink-Druckguss, vernickelt/zinc diecasting, nickel plated | | | | | | | | | | | | | |


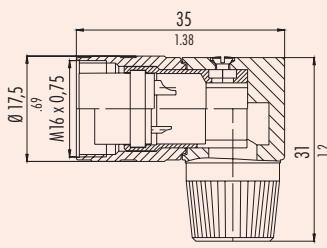

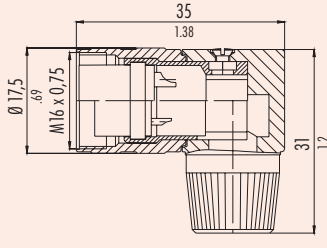

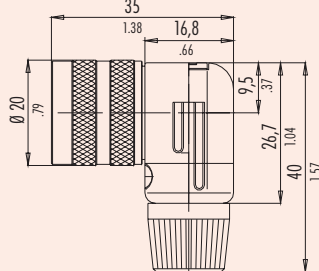

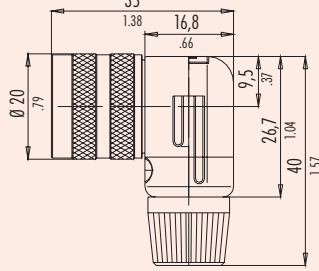
¹⁾ Normen und Prüfbedingungen für diese Angaben siehe Seite TI-16/ Standards and test parameters for this data see page TI-16.

Miniatur Rundsteckverbinder Serie 682 Miniature circular connectors series 682

Winkelstecker Male angled cable connectors

| Bezeichnung – Abbildung Description – Figure | Maßzeichnung Drawing | Polzahl Contacts | Bestell-Nr./Ordering-No. | |
|--|---|---------------------|--|---|
| | | | versilberte Kontakte silver plated contacts | vergoldete Kontakte gold plated contacts |
| Winkelstecker, Kabeldurchlass 4 - 6 mm, Kunststoffausführung <i>Male angled connector cable outlet 4 - 6 mm (.16 - .24 in.), plastic version</i>  |  | 2 | 09-0133-70-02 | 09-0133-79-02 |
| | | 3 DIN | 09-0135-70-03 | 09-0135-79-03 |
| | | 4 | 09-0137-70-04 | 09-0137-79-04 |
| | | 5 | 09-0139-70-05 | 09-0139-79-05 |
| | | 5 (Stereo) | 09-0141-70-05 | 09-0141-79-05 |
| | | 6 DIN | 09-0143-70-06 | 09-0143-79-06 |
| | | 7 | 09-0145-70-07 | 09-0145-79-07 |
| | | 7 DIN | 09-0177-70-07 | – |
| | | 8 DIN | 09-0153-70-08 | 09-0153-79-08 |
| | | 12 | – | 09-0147-70-12 |
| | | 14 | – | 09-0161-70-14 |
| | | 16 | – | 09-0185-70-16 |
| Winkelstecker, Kabeldurchlass 6 - 8 mm, Kunststoffausführung <i>Male angled connector cable outlet 6 - 8 mm (.24 - .32 in.), plastic version</i>  |  | 2 | 09-0133-72-02 | 09-0133-78-02 |
| | | 3 DIN | 09-0135-72-03 | 09-0135-78-03 |
| | | 4 | 09-0137-72-04 | 09-0137-78-04 |
| | | 5 | 09-0139-72-05 | 09-0139-78-05 |
| | | 5 (Stereo) | 09-0141-72-05 | 09-0141-78-05 |
| | | 6 DIN | 09-0143-72-06 | 09-0143-78-06 |
| | | 7 | 09-0145-72-07 | 09-0145-78-07 |
| | | 7 DIN | – | – |
| | | 8 DIN | 09-0153-72-08 | 09-0153-78-08 |
| | | 12 | – | 09-0147-72-12 |
| | | 14 | – | 09-0161-72-14 |
| | | 16 | – | 09-0185-72-16 |
| Winkelstecker, Kabeldurchlass 4 - 6 mm, Metallausführung <i>Male angled connector cable outlet 4 - 6 mm (.16 - .24 in.), metal version</i>  |  | 2 | 99-0133-10-02 | – |
| | | 3 DIN | 99-0135-10-03 | – |
| | | 4 | 99-0137-10-04 | – |
| | | 5 | 99-0139-10-05 | – |
| | | 5 (Stereo) | 99-0141-10-05 | – |
| | | 6 DIN | 99-0143-10-06 | – |
| | | 7 | 99-0145-10-07 | – |
| | | 7 DIN | 99-0177-10-07 | – |
| | | 8 DIN | 99-0153-10-08 | – |
| | | 12 | – | 99-0147-10-12 |
| | | 14 | – | 99-0161-10-14 |
| | | 16 | – | – |
| Winkelstecker, Kabeldurchlass 6 - 8 mm, Metallausführung <i>Male angled connector cable outlet 6 - 8 mm (.24 - .32 in.), metal version</i>  |  | 2 | 99-0133-12-02 | – |
| | | 3 DIN | 99-0135-12-03 | – |
| | | 4 | 99-0137-12-04 | – |
| | | 5 | 99-0139-12-05 | – |
| | | 5 (Stereo) | 99-0141-12-05 | – |
| | | 6 DIN | 99-0143-12-06 | – |
| | | 7 | 99-0145-12-07 | – |
| | | 7 DIN | – | – |
| | | 8 DIN | 99-0153-12-08 | – |
| | | 12 | – | 99-0147-12-12 |
| | | 14 | – | 99-0161-12-14 |
| | | 16 | – | – |

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|---|---|--|
| Miniatur Rundsteckverbinder Serie 682 Miniature circular connectors series 682 | Winkeldosen Female angled cable connectors | |
|---|---|--|

| Bezeichnung — Abbildung Description — Figure | Maßzeichnung Drawing | Polzahl Contacts | Bestell-Nr./Ordering-No. | |
|---|---|---------------------|--|---|
| | | | versilberte Kontakte silver plated contacts | vergoldete Kontakte gold plated contacts |
| Winkeldose, Kabeldurchlass 4 - 6 mm, Kunststoffausführung <i>Female angled connector cable outlet 4 - 6 mm (.16 - .24 in.), plastic version</i>  |  | 2 | 09-0134-70-02 | 09-0134-79-02 |
| | | 3 DIN | 09-0136-70-03 | 09-0136-79-03 |
| | | 4 | 09-0138-70-04 | 09-0138-79-04 |
| | | 5 | 09-0140-70-05 | 09-0140-79-05 |
| | | 5 (Stereo) | 09-0142-70-05 | 09-0142-79-05 |
| | | 6 DIN | 09-0144-70-05 | 09-0144-79-05 |
| | | 7 | 09-0146-70-07 | 09-0146-79-07 |
| | | 7 DIN | 09-0178-70-07 | — |
| | | 8 DIN | 09-0154-70-08 | 09-0154-79-08 |
| | | 12 | — | 09-0148-70-12 |
| | | 14 | — | 09-0162-70-14 |
| | | 16 | — | 09-0186-70-16 |
| | | 19 | — | 09-0164-70-19 |
| | | 24 | — | — |
| Winkeldose, Kabeldurchlass 6 - 8 mm, Kunststoffausführung <i>Female angled connector cable outlet 6 - 8 mm (.24 - .32 in.), plastic version</i>  |  | 2 | 09-0134-72-02 | 09-0134-78-02 |
| | | 3 DIN | 09-0136-72-03 | 09-0136-78-03 |
| | | 4 | 09-0138-72-04 | 09-0138-78-04 |
| | | 5 | 09-0140-72-05 | 09-0140-78-05 |
| | | 5 (Stereo) | 09-0142-72-05 | 09-0142-78-05 |
| | | 6 DIN | 09-0144-72-06 | 09-0144-78-06 |
| | | 7 | 09-0146-72-07 | 09-0146-78-07 |
| | | 7 DIN | — | — |
| | | 8 DIN | 09-0154-72-08 | 09-0154-78-08 |
| | | 12 | — | 09-0148-72-12 |
| | | 14 | — | 09-0162-72-14 |
| | | 16 | — | 09-0186-72-16 |
| | | 19 | — | 09-0164-72-19 |
| | | 24 | — | 09-0166-72-24 |
| Winkeldose, Kabeldurchlass 4 - 6 mm, Metallausführung <i>Female angled connector cable outlet 4 - 6 mm (.16 - .24 in.), metal version</i>  |  | 2 | 99-0134-10-02 | — |
| | | 3 DIN | 99-0136-10-03 | — |
| | | 4 | 99-0138-10-04 | — |
| | | 5 | 99-0140-10-05 | — |
| | | 5 (Stereo) | 99-0142-10-05 | — |
| | | 6 DIN | 99-0144-10-06 | — |
| | | 7 | 99-0146-10-07 | — |
| | | 7 DIN | — | — |
| | | 8 DIN | 99-0154-10-08 | — |
| | | 12 | — | 99-0148-10-12 |
| | | 14 | — | 99-0162-10-14 |
| | | 16 | — | — |
| | | 19 | — | 99-0164-10-19 |
| | | 24 | — | — |
| Winkeldose, Kabeldurchlass 6 - 8 mm, Metallausführung <i>Female angled connector cable outlet 6 - 8 mm (.24 - .32 in.), metal version</i>  |  | 2 | 99-0134-12-02 | — |
| | | 3 DIN | 99-0136-12-03 | — |
| | | 4 | 99-0138-12-04 | — |
| | | 5 | 99-0140-12-05 | — |
| | | 5 (Stereo) | 99-0142-12-05 | — |
| | | 6 DIN | 99-0144-12-06 | — |
| | | 7 | 99-0146-12-07 | — |
| | | 7 DIN | — | — |
| | | 8 DIN | 99-0154-12-08 | — |
| | | 12 | — | 99-0148-12-12 |
| | | 14 | — | 99-0162-12-14 |
| | | 16 | — | — |
| | | 19 | — | 99-0164-12-19 |
| | | 24 | — | 99-0166-12-24 |


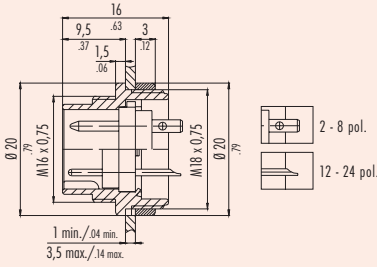

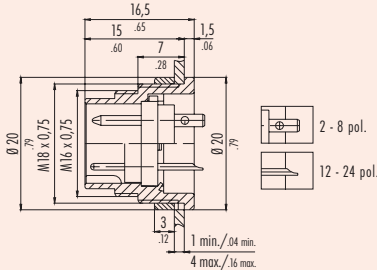

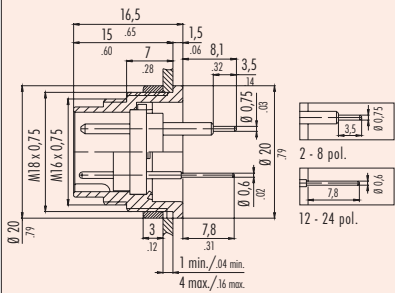

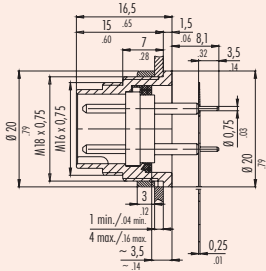
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Miniatur Rundsteckverbinder Serie 682 Miniature circular connectors series 682

Flanschstecker Male sockets


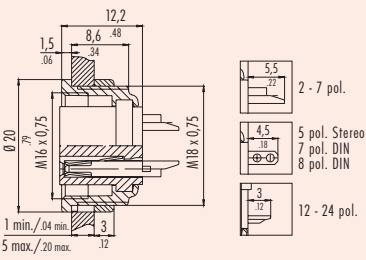

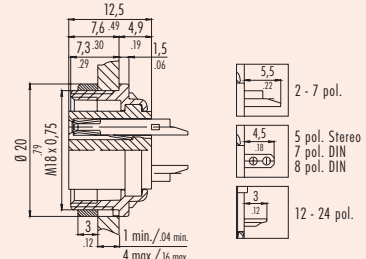

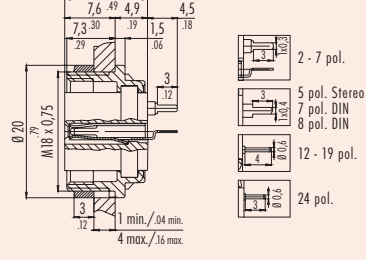

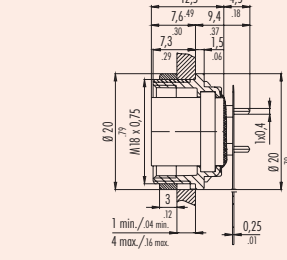
| Bezeichnung — Abbildung Description — Figure | Maßzeichnung Drawing | Polzahl Contacts | Bestell-Nr./Ordering-No. | |
|--|--|---------------------|--|---|
| | | | versilberte Kontakte silver plated contacts | vergoldete Kontakte gold plated contacts |
| Flanschstecker, löten <i>Male socket, solder</i>  |  | 2 | 09-0303-00-02 | 09-0303-09-02 |
| | | 3 DIN | 09-0307-00-03 | 09-0307-09-03 |
| | | 4 | 09-0311-00-04 | 09-0311-09-04 |
| | | 5 | 09-0315-00-05 | 09-0315-09-05 |
| | | 5 (Stereo) | 09-0319-00-05 | 09-0319-09-05 |
| | | 6 DIN | 09-0323-00-06 | 09-0323-09-06 |
| | | 7 | 09-0327-00-07 | 09-0327-09-07 |
| | | 7 DIN | 09-1583-00-07 | — |
| | | 8 DIN | 09-0473-00-08 | 09-0473-09-08 |
| | | 12 | — | 09-0331-00-12 |
| | | 14 | — | 09-0053-00-14 |
| | | 16 | — | 09-0339-00-16 |
| | | 19 | — | 09-0335-00-19 |
| | | 24 | — | 09-0197-00-24 |
| Flanschstecker, löten, von vorn verschraubbar <i>Male socket, solder, front fastened</i>  |  | 2 | 09-0303-80-02 | 09-0303-89-02 |
| | | 3 DIN | 09-0307-80-03 | 09-0307-89-03 |
| | | 4 | 09-0311-80-04 | 09-0311-89-04 |
| | | 5 | 09-0315-80-05 | 09-0315-89-05 |
| | | 5 (Stereo) | 09-0319-80-05 | 09-0319-89-05 |
| | | 6 DIN | 09-0323-80-06 | 09-0323-89-06 |
| | | 7 | 09-0327-80-07 | 09-0327-89-07 |
| | | 7 DIN | — | — |
| | | 8 DIN | 09-0473-80-08 | 09-0473-89-08 |
| | | 12 | — | 09-0331-80-12 |
| | | 14 | — | 09-0053-80-14 |
| | | 16 | — | 09-0339-80-16 |
| | | 19 | — | 09-0335-80-19 |
| | | 24 | — | 09-0197-80-24 |
| Flanschstecker, tauchlöten, von vorn verschraubbar <i>Male socket, dip solder, front fastened</i>  |  | 2 | 09-0303-90-02 | 09-0303-99-02 |
| | | 3 DIN | 09-0307-90-03 | 09-0307-99-03 |
| | | 4 | 09-0311-90-04 | 09-0311-99-04 |
| | | 5 | 09-0315-90-05 | 09-0315-99-05 |
| | | 5 (Stereo) | 09-0319-90-05 | 09-0319-99-05 |
| | | 6 DIN | 09-0323-90-06 | 09-0323-99-06 |
| | | 7 | 09-0327-90-07 | 09-0327-99-07 |
| | | 7 DIN | — | — |
| | | 8 DIN | 09-0473-90-08 | 09-0473-99-08 |
| | | 12 | — | 09-0331-90-12 |
| | | 14 | — | 09-0053-90-14 |
| | | 16 | — | 09-0339-90-16 |
| | | 19 | — | 09-0335-90-19 |
| | | 24 | — | 09-0197-90-24 |
| Flanschstecker mit Flexplatte, von vorn verschraubbar <i>Male socket with flexible PCB, front fastened</i>  |  <p>Weitere Maße siehe Seite 682-11 Additional dimensions see page 682-11</p> | 7 | 09-0327-65-07 | |
| | | 8 | 09-0473-65-08 | |
| | | 12 | | 09-0331-65-12 |
| | | 12 | | 09-0331-66-12 |

¹⁾ Flanschstecker von Serie 680 / Sockets from series 680.

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714
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766
815
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M-A
M-B
M-C

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| Miniatur Rundsteckverbinder Serie 682 Miniature circular connectors series 682 | | Flanschdosen Female sockets | | |
|---|---|--|--|---|
| Bezeichnung — Abbildung Description — Figure | Maßzeichnung Drawing | Polzahl Contacts | Bestell-Nr./Ordering-No. | |
| | | | versilberte Kontakte silver plated contacts | vergoldete Kontakte gold plated contacts |
| Flanschdose, löten <i>Female socket, solder</i>  |  | 2 | 09-0304-00-02 | 09-0304-09-02 |
| | | 3 DIN | 09-0308-00-03 | 09-0308-09-03 |
| | | 4 | 09-0312-00-04 | 09-0312-09-04 |
| | | 5 | 09-0316-00-05 | 09-0316-09-05 |
| | | 5 (Stereo) | 09-0320-00-05 | 09-0320-09-05 |
| | | 6 DIN | 09-0324-00-06 | 09-0324-09-06 |
| | | 7 | 09-0328-00-07 | 09-0328-09-07 |
| | | 7 DIN | 09-1584-00-07 | — |
| | | 8 DIN | 09-0474-00-08 | 09-0474-09-08 |
| | | 12 | — | 09-0332-00-12 |
| | | 14 | — | 09-0054-00-14 |
| | | 16 | — | 09-0340-00-16 |
| Flanschdose, löten, von vorn verschraubbar <i>Female socket, solder, front fastened</i>  |  | 2 | 09-0304-80-02 | 09-0304-89-02 |
| | | 3 DIN | 09-0308-80-03 | 09-0308-89-03 |
| | | 4 | 09-0312-80-04 | 09-0312-89-04 |
| | | 5 | 09-0316-80-05 | 09-0316-89-05 |
| | | 5 (Stereo) | 09-0320-80-05 | 09-0320-89-05 |
| | | 6 DIN | 09-0324-80-06 | 09-0324-89-06 |
| | | 7 | 09-0328-80-07 | 09-0328-89-07 |
| | | 7 DIN | — | — |
| | | 8 DIN | 09-0474-80-08 | 09-0474-89-08 |
| | | 12 | — | 09-0332-80-12 |
| | | 14 | — | 09-0054-80-14 |
| | | 16 | — | 09-0340-80-16 |
| Flanschdose, tauchlöten, von vorn verschraubbar <i>Female socket, dip solder, front fastened</i>  |  | 2 | 09-0304-90-02 | 09-0304-99-02 |
| | | 3 DIN | 09-0308-90-03 | 09-0308-99-03 |
| | | 4 | 09-0312-90-04 | 09-0312-99-04 |
| | | 5 | 09-0316-90-05 | 09-0316-99-05 |
| | | 5 (Stereo) | 09-0320-90-05 | 09-0320-99-05 |
| | | 6 DIN | 09-0324-90-06 | 09-0324-99-06 |
| | | 7 | 09-0328-90-07 | 09-0328-99-07 |
| | | 7 DIN | — | — |
| | | 8 DIN | 09-0474-90-08 | 09-0474-99-08 |
| | | 12 | — | 09-0332-90-12 |
| | | 14 | — | 09-0054-90-14 |
| | | 16 | — | 09-0340-90-16 |
| Flanschdose mit Flexplatte, von vorn verschraubbar <i>Female socket with flexible PCB, front fastened</i>  |  | 7 | 09-0328-65-07 | |
| | | 8 | 09-0474-65-08 | |
| | | 12 | | 09-0332-65-12 |
| | | 12 | | 09-0332-66-12 |

¹⁾ Flanschstecker von Serie 680 / Sockets from series 680.

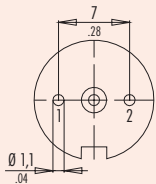
Miniatur Rundsteckverbinder Serie 682 Miniature circular connectors series 682

Polbilder Contact arrangements

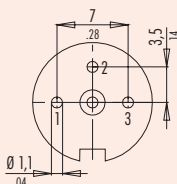
Polbilder mit Sicht auf die Lötanschlussseite der Stifteinsätze
Contact arrangements with view on the solder termination side of male inserts

x-y Koordinaten
x-y Coordinates

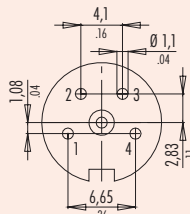
2 pol



3 pol (DIN 41524)



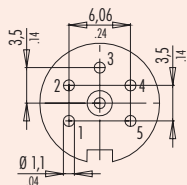
4 pol



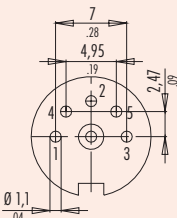
12 pol

| | X | Y |
|---|-------|-------|
| A | -0,41 | -3,45 |
| B | 2,29 | -3,61 |
| C | 4,10 | -1,21 |
| D | 3,20 | 1,34 |
| E | 2,71 | 3,59 |
| F | 0,41 | 3,45 |
| G | -2,29 | 3,61 |
| H | -4,10 | 1,21 |
| J | -3,20 | -1,34 |
| K | -2,71 | -3,59 |
| L | 2,00 | -1,51 |
| M | -2,00 | 1,51 |

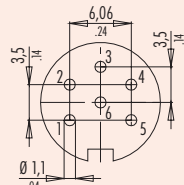
5 pol



5 pol stereo (DIN 41524)



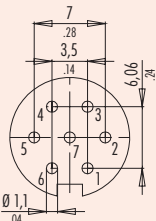
6 pol (DIN 45322)



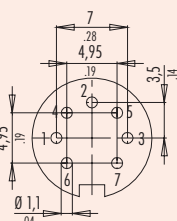
14 pol

| | X | Y | | X | Y |
|---|-------|-------|---|-------|-------|
| A | 2,50 | -4,00 | T | -2,40 | -0,95 |
| C | 4,25 | 0,00 | U | -0,95 | -2,40 |
| E | 2,30 | 4,00 | | | |
| G | -2,30 | 4,00 | | | |
| J | -4,25 | 0,00 | | | |
| L | -2,50 | -4,00 | | | |
| M | 0,95 | -2,40 | | | |
| N | 2,40 | -0,95 | | | |
| O | 2,40 | 0,95 | | | |
| P | 0,95 | 2,40 | | | |
| R | -0,95 | 2,40 | | | |
| S | -2,40 | 0,95 | | | |

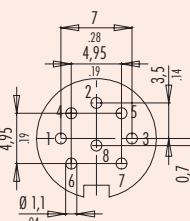
7 pol



7 pol (DIN 45329)



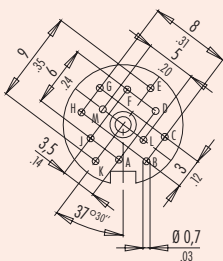
8 pol (DIN 45326)



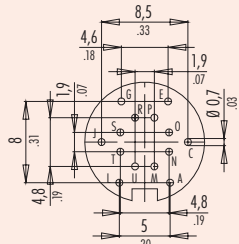
16 pol

| | X | Y | | X | Y |
|---|-------|-------|---|-------|-------|
| A | 2,50 | -4,00 | N | 2,45 | -0,80 |
| B | 4,00 | -2,25 | O | 1,50 | 2,10 |
| C | 4,25 | 0,00 | P | -1,50 | 2,10 |
| D | 4,00 | 2,40 | R | -2,45 | -0,80 |
| E | 2,30 | 4,00 | | | |
| F | 0,00 | 4,25 | | | |
| G | -2,30 | 4,00 | | | |
| H | -4,00 | 2,40 | | | |
| I | -4,25 | 0,00 | | | |
| K | -4,00 | -2,25 | | | |
| L | -2,50 | -4,00 | | | |
| M | 0,00 | -2,60 | | | |

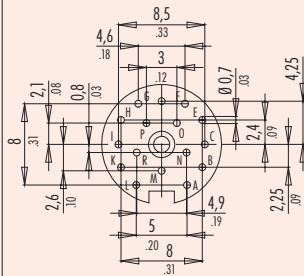
12 pol



14 pol



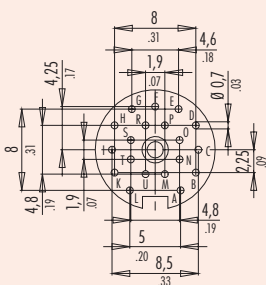
16 pol



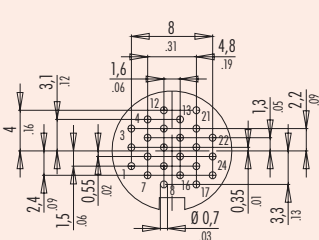
19 pol

| | X | Y | | X | Y |
|---|-------|-------|---|-------|-------|
| A | 2,50 | -4,00 | N | 2,40 | -0,95 |
| B | 4,00 | -2,25 | O | 2,40 | 0,95 |
| C | 4,25 | 0,00 | P | 0,95 | 2,40 |
| D | 4,00 | 2,40 | R | -0,95 | 2,40 |
| E | 2,30 | 4,00 | S | -2,40 | 0,95 |
| F | 0,00 | 4,25 | T | -2,40 | -0,95 |
| G | -2,30 | 4,00 | U | -0,95 | -2,40 |
| H | -4,00 | 2,40 | | | |
| I | -4,25 | 0,00 | | | |
| K | -4,00 | -2,25 | | | |
| L | -2,50 | -4,00 | | | |
| M | 0,95 | -2,40 | | | |

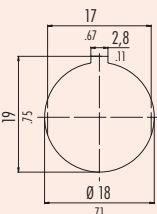
19 pol



24 pol



Montageausschnitt
Panel cut out



24 pol

| | X | Y | | X | Y |
|----|-------|-------|----|------|-------|
| 1 | -4,00 | -1,50 | 13 | 0,80 | 3,10 |
| 2 | -4,00 | 0,35 | 14 | 0,80 | 1,30 |
| 3 | -4,00 | 2,20 | 15 | 0,80 | -0,55 |
| 4 | -2,40 | 3,10 | 16 | 0,80 | -2,40 |
| 5 | -2,40 | 1,30 | 17 | 2,40 | -3,30 |
| 6 | -2,40 | -0,55 | 18 | 2,40 | -1,50 |
| 7 | -2,40 | 2,40 | 19 | 2,40 | 0,35 |
| 8 | -0,80 | -3,30 | 20 | 2,40 | 2,20 |
| 9 | -0,80 | -1,50 | 21 | 2,40 | 4,00 |
| 10 | -0,80 | 0,35 | 22 | 4,00 | 1,30 |
| 11 | -0,80 | 2,20 | 23 | 4,00 | -0,55 |
| 12 | -0,80 | 4,00 | 24 | 4,00 | -2,40 |

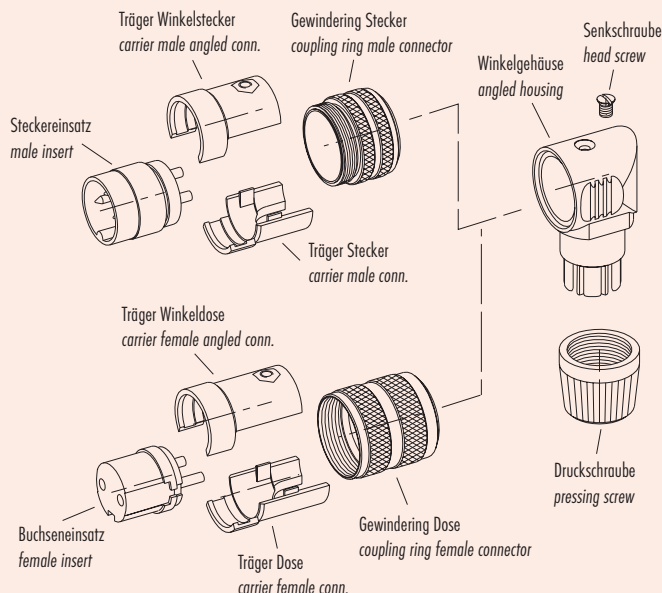
¹⁾ Polbilder von Serie 680 / Contact arrangements from series 680.

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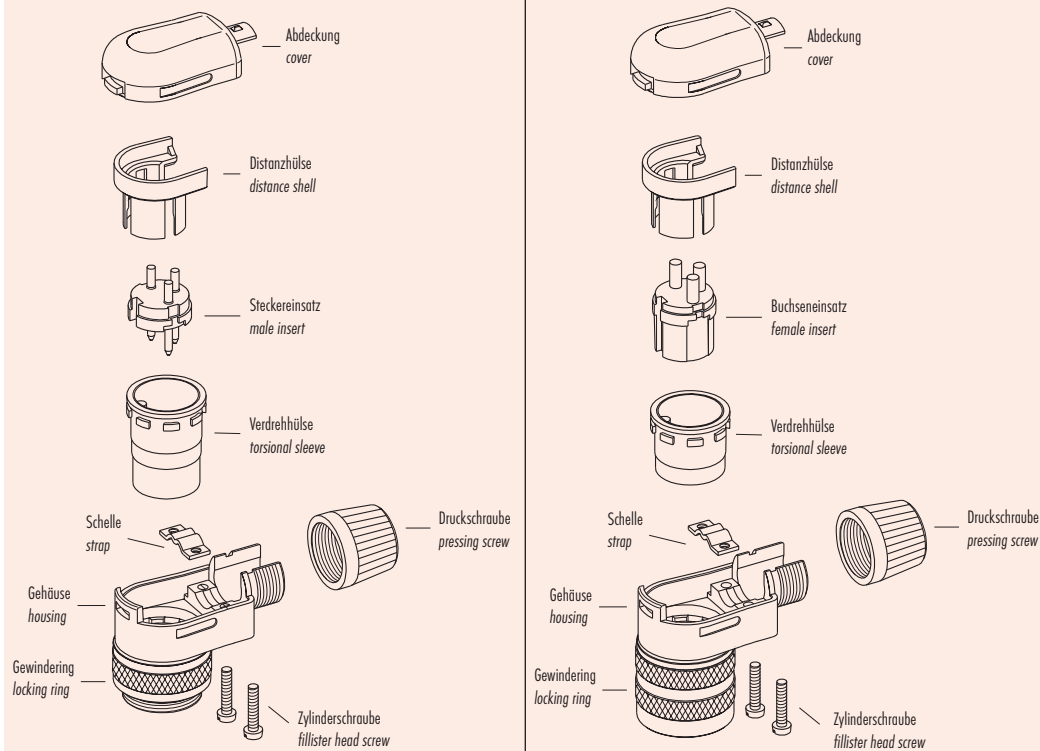
Miniatur Rundsteckverbinder Serie 682 Miniature circular connectors series 682

Einzelteildarstellung Component part drawings

Winkelstecker
Kunststoffausführung
Angled connector
plastic version



Winkelstecker
Metallausführung
Angled connector
metal version



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Miniatur Rundsteckverbinder Serie 682 Miniature circular connectors series 682

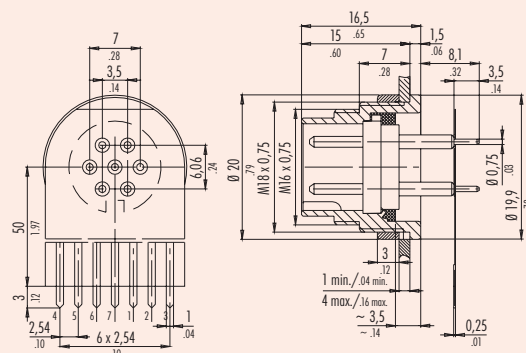
Zubehör Accessories

| Bezeichnung Description | Abbildung Figure | Maßzeichnung Drawing | Bestell-Nr. Ordering-No. |
|--|---------------------|-------------------------|--|
| Schutzkappe für Kabelstecker, wasserdicht, IP 67 Protection cap for male cable connector, waterproof, IP 67 | | | 08-1077-000-000 |
| Schutzkappe für Kabeldose, wasserdicht, IP 67 Protection cap for female cable connector, waterproof, IP 67 | | | 08-1078-000-000 |
| Schutzkappe für Flanschstecker, wasserdicht, IP 67 Protection cap for male socket, waterproof, IP 67 | | | 08-1079-000-000 |
| Schutzkappe für Flanschdose, wasserdicht, IP 67 Protection cap for female socket, waterproof, IP 67 | | | 08-1080-000-000 |
| Schutzkappe für Kabel- und Flanschstecker, staubdicht, IP 54 Protection cap for male cable connector and male socket, dustproof, IP 54 | | | 02-0054-000 |
| Schutzkappe für Kabel- und Flanschdose, staubdicht, IP 54 Protection cap for female cable connector and female socket, dustproof, IP 54 | | | 02-0055-001 02-0055-000 (Schwarz/black) |
| Distanzhülse für Flanschsteckverbinder, Tauchlöttausführung, 2-19 contacts Distance shell for socket, dip solder version, 2-19 contacts | | | 02-0007-000 |
| Montageschlüssel für Kabelsteckverbinder Mounting spanner for cable connector | | | 02-1785-000 |
| Montageschlüssel für Flanschsteckverbinder Mounting spanner for socket | | | 07-0010-001 |
| Viereckflansch für Flanschsteckverbinder Rectangular flange for socket | | | 04-0106-001 |
| Lötösenring Solder eye ring | | | 04-0186-009 |
| 6-kant Mutter Hexagonal nut | | | 01-0146-001 (2,5 mm/.10) 01-5006-001 (5 mm/.20) |

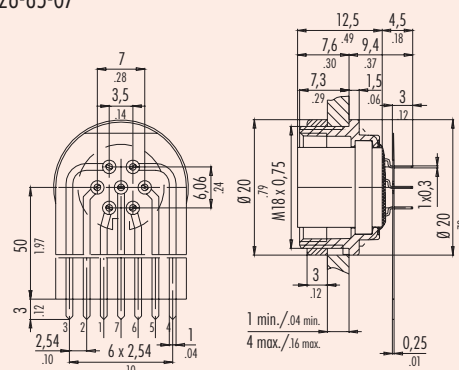
Miniatur Rundsteckverbinder Serie 682 Miniature circular connectors series 682

Zeichnungen Drawings

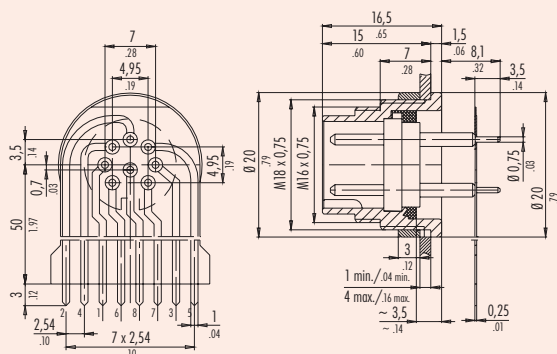
09-0327-65-07



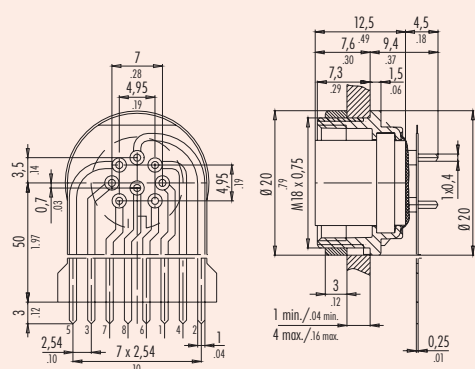
09-0328-65-07



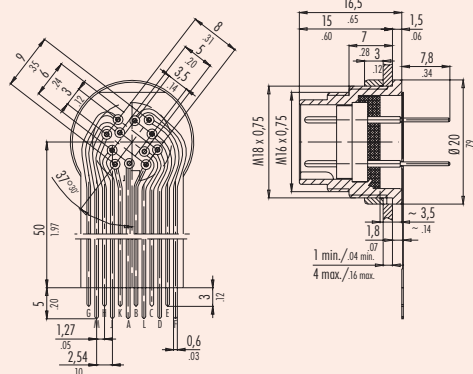
09-0473-65-08



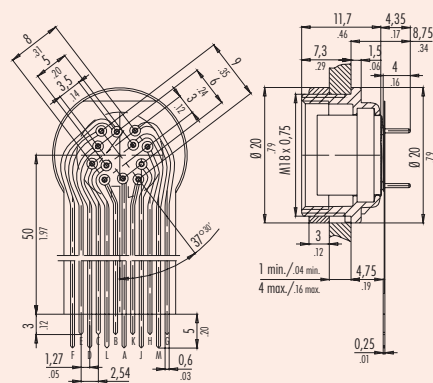
09-0474-65-08



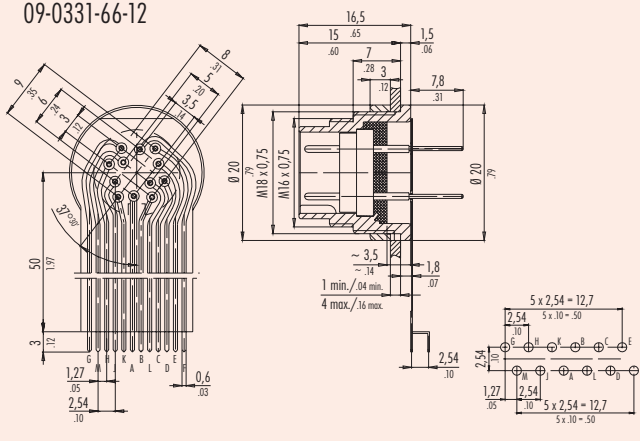
09-0331-65-12



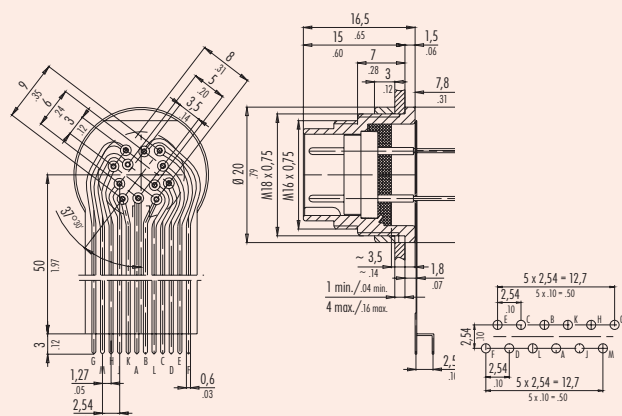
09-0332-65-12



09-0331-66-12



09-0332-66-12



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