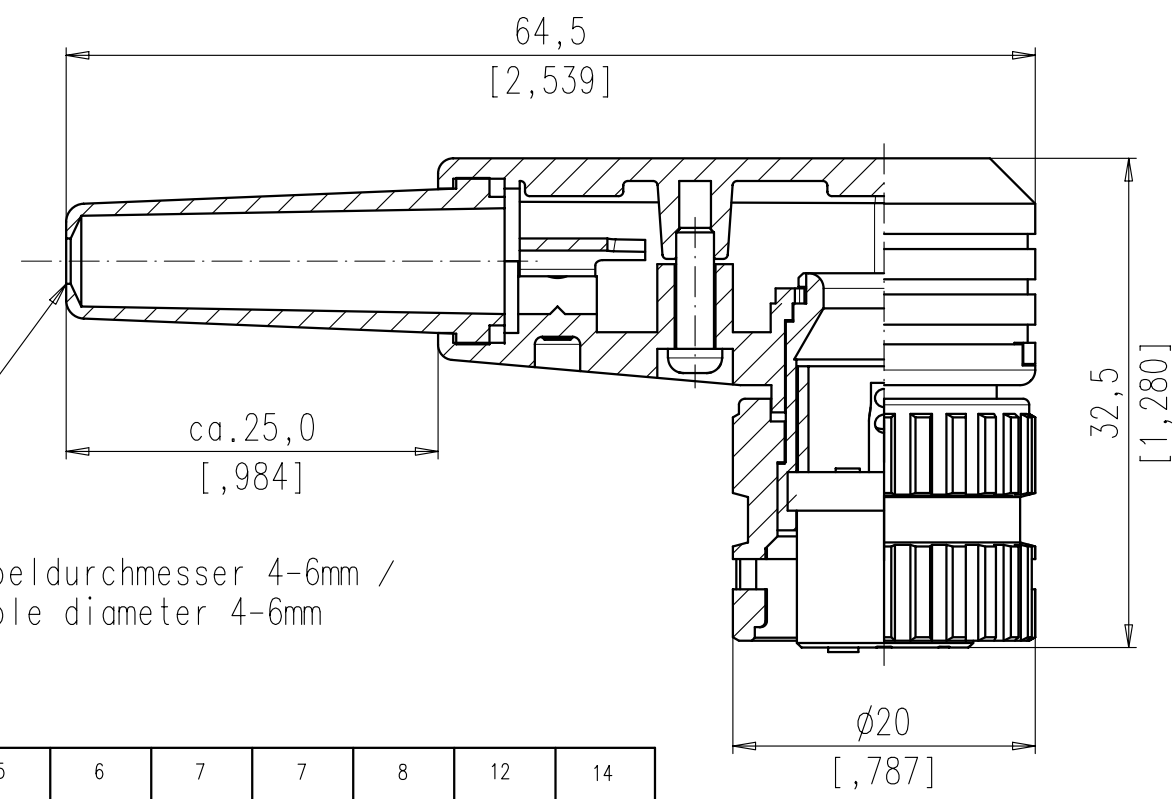


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|               |                            |                              |
|---------------|----------------------------|------------------------------|
|               | 14                         | T 3645 005                   |
|               | 12                         | T 3625 005                   |
|               | 8 IEC                      | T 3525 005                   |
|               | 7 IEC                      | T 3445 005                   |
|               | 7                          | T 3435 005                   |
|               | 6                          | T 3425 005                   |
|               | 5                          | T 3375 005                   |
|               | 5 IEC                      | T 3395 005                   |
|               | 4                          | T 3325 005                   |
|               | 3                          | T 3275 005                   |
| SYMBOL symbol | POLZAHL number of contacts | TYP-NUMMER-AG type-number-AG |

|   |                               |   |            |            |               |               |            |               |               |                                 |    |
|---|-------------------------------|---|------------|------------|---------------|---------------|------------|---------------|---------------|---------------------------------|----|
| Polzahl number of contacts                                | Norm standard                 | 3   | 4          | 5          | 5             | 6             | 7          | 7             | 8             | 12                              | 14 |
| Kontaktanordnung nach DIN contact arrangement acc. to DIN |                               | 41524 60130-9   | - 60130-9  | -          | 41524 60130-9 | 45322 60130-9 | -          | 45329 60130-9 | 45326 60130-9 | -                               | -  |
| Kontaktanordnung nach IEC contact arrangement acc. to IEC |                               |   |            |            |               |               |            |               |               |                                 |    |
| Bemessungsspannung rated voltage                          | IEC 60664-1                   | 300V =  |            | 100V =     |               | 300V =        |            | 100V =        |               | 150V =                          |    |
| Bemessungsspannung rated voltage                          | UL 1977                       | 250V  |            |            |               |               |            |               |               | 60V                             |    |
| Bemessungs-Stoßspannung rated impulse withstand voltage   | IEC 60664-1                   | 1500V   |            | 1200V      |               | 1500V         |            | 1200V         |               |                                 |    |
| Verschmutzungsgrad pollution degree                       | IEC 60664-1                   | 1   |            |            |               |               |            |               |               |                                 |    |
| Überspannungskategorie installation category              | IEC 60664-1                   | I   |            |            |               |               |            |               |               |                                 |    |
| Isolierstoffgruppe insulation group                       | IEC 60664-1                   | II, 400 ≤ CTI < 600   |            |            |               |               |            |               |               |                                 |    |
| Strombelastbarkeit current rating                         | IEC 60512-5-2 Test 5b UL 1977 | 5A / +40°C / +104°F   |            |            |               |               |            |               |               | 3A / +40°C / +104°F             |    |
| Isolationswiderstand insulation resistance                | IEC 60512-3-1 Test 3a         | >10 <sup>10</sup> Ω   |            |            |               |               |            |               |               |                                 |    |
| Durchgangswiderstand contact resistance                   | IEC 60512-2-1 Test 2a         | < 5m Ω  |            |            |               |               |            |               |               |                                 |    |
| Prüfklasse climatic category                              | IEC 60068-1                   | 40 / 100 / 56   |            |            |               |               |            |               |               |                                 |    |
| Temperaturbereich temperatur range                        | IEC 60068-1                   | -40°C ... +100°C<br>-40°F ... +212°F  |            |            |               |               |            |               |               |                                 |    |
| IP-Schutzart IP-degree                                    | IEC 60529                     | IP 40   |            |            |               |               |            |               |               |                                 |    |
| Steck- und Ziehkraft Insertion and withdrawal forces      | IEC 60512-13-2 Test 13b       | 25N 90.oz   | 30N 110.oz | 35N 125.oz | 50N 180.oz    | 55N 200.oz    | 60N 220.oz | 50N 180.oz    |               |                                 |    |
| Mechanische Lebensdauer mechanical operation              | IEC 60512-9-1 Test 9a         | silber/silver ≥ 500 Steckzyklen/mating cycles   |            |            |               |               |            |               |               |                                 |    |
| Werkstoff Gehäuse housing material                        |                               | Überwurfmutter Messing, Zugentlastung Zink-Druckguß, Oberfläche vernickelt<br>coupling ring brass, strain relief, die cast, nickel plated |            |            |               |               |            |               |               |                                 |    |
| Werkstoff Kontaktträger dielectric material               |                               | Thermoplast<br>thermoplastic  |            |            |               |               |            |               |               |                                 |    |
| Kontaktoberfläche contact plating                         |                               | silver plated   |            |            |               |               |            |               |               |                                 |    |
| Anschlusstechnik termination technique                    |                               | löten<br>solder   |            |            |               |               |            |               |               |                                 |    |
| Anschlussquerschnitt wire gauge                           |                               | löten/solder ≤ 0,5 mm <sup>2</sup> / 20AWG  |            |            |               |               |            |               |               | ≤ 0,25 mm <sup>2</sup> / 24 AWG |    |
| Brennbarkeit flammability                                 |                               | UL 94 V0  |            |            |               |               |            |               |               |                                 |    |
| Verriegelung locking system                               |                               | Bajonett<br>bayonet   |            |            |               |               |            |               |               |                                 |    |

Diese Steckverbinder dürfen betriebsmäßig nicht unter Spannung betätigt werden. Metallene Gehäuseteile sind sicher mit dem Schutzleitersystem zu verbinden.  
Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground.

|                               |                      |                       |      |                                     |               |               |  |
|-------------------------------|----------------------|-----------------------|------|-------------------------------------|---------------|---------------|--|
| Gewicht (errechnet)/ Calc WT: | 9                    | Zul. Abw./Tolerances: |      | Maßstab/Scale                       | 2:1           | A3            |  |
| Prüfmaß/Test dimension        |                      |                       |      | CUSTOMER DRAWING                    |               |               |  |
| Teileindex Part index number  |                      |                       |      | Kabeldose 90°                       |               |               |  |
|                               |                      |                       |      | Female cable connector right-angled |               |               |  |
|                               |                      |                       |      | Amphenol-Tuchel Electronics GmbH    |               |               |  |
| 01                            | 200700144            | 09.07.08              | CI   | M                                   | FB T 3XX5 005 | Blatt/Sheet 1 |  |
| Index                         | Änderung/Description | Datum/Date            | Name | Ers. f./Similar to:                 | 1 Bl.         |               |  |