



| | | | | | | | | | | | | |
|---|---------------------------|---|-----------------|-------------------|-------------------|-----------------|-------------------|------|--------------------------------------|-----------------|------|--|
| Number of contacts | Standard | 3 | 4 | 5 | 5S | 6 | 7 | 7 | 8 | 12 | 14 | |
| Contact arrangement | DIN EN 61076-2-106 | 03-a | 04-a | 05-a | 05-b | 06-a | 07-a | 07-b | 08-a | 12-a | 14-a | |
| Contact arrangement | IEC 60130-9 ¹⁾ | | | - | | | | | | | | |
| Rated voltage ²⁾ | IEC 60664-1 | 300 V (100 V) | 300 V (63 V) | 100 V (32 V) | 300 V (63 V) | 100 V (32 V) | 150 V (32 V) | | | 150 V (32 V) | | |
| Rated voltage | UL 1977 | 250 V | | | | | | | | | 60 V | |
| Rated impulse withstand voltage ²⁾ | IEC 60664-1 | 1500 V (840 V) | | 1200 V (500 V) | 1500 V (840 V) | | 1200 V (500 V) | | | | | |
| Pollution degree ²⁾ | IEC 60664-1 | 1 (2 ³⁾) | | | | | | | | | | |
| Installation category | IEC 60664-1 | I | | | | | | | | | | |
| Insulation group | IEC 60664-1 | II, 400 ≤ CTI < 600 | | | | | | | | | | |
| Current rating | IEC 60512-5-2 UL 1977 | 10A/+40°C/+104°F | | | 7A/+40°C/+104°F | | | | 3A/+40°C/+104°F | | | |
| Insulation resistance | IEC 60512-3-1 | >10 ¹⁰ Ohm ⁴⁾ | | | | | | | | | | |
| Contact resistance | IEC 60512-2-1 | <5m Ohm | | | | | | | | | | |
| Climatic category | IEC 60668-1 | 40 / 100 / 56 | | | | | | | | | | |
| Temperatur range | IEC 60668-1 | -40°C...+100°C / -40°F...+212°F | | | | | | | | | | |
| IP degree | IEC 60529 | IP 40 | | | | | | | | | | |
| Insertion and withdrawal force | IEC 60512-13-2 | 25N | 30N | 35N | 50N | 55N | 60N | 50N | | | | |
| Mechanical operation | IEC 60512-9-1 | silver ≥500 mating cycles gold ≥1000 mating cycles | | | | | | | | | | |
| Housing material | | brass and / or zinc die cast, nickel plated | | | | | | | | | | |
| Dielectric material | | thermoplastic | | | | | | | | | | |
| Contacts | | silver or gold plated, please order contacts separately acc. to drawing M-N 01 015 00XX X (3-8pol) or M-N 01 010 0158 X U (12-14pol) | | | | | | | | | | |
| Termination technique | | solder, crimp | | | | | | | | | | |
| Wire gauge | | 2-6 pol (exclusive 5S): 0,09-1,0mm ² / 28-18 AWG | | | | | | | 0,09-0,25mm ² / 28-24 AWG | | | |
| Flamability | | UL 94 V0 | | | | | | | | | | |

¹⁾ Edition 2000-05
²⁾ values in brackets are according to DIN EN 61076-2-106
³⁾ designed acc. pollution degree 2; can be used under pollution degree 3 when the rules of IEC 60664-1 are fulfilled
⁴⁾ under operating conditions >10⁸ Ohm
⁵⁾ Remark for gold plated contacts: In order to avoid brittle inter-metallic connections, gold-plated terminals have to be tin-plated in the solder area.
 All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally binding, particularly the information does not constitute or provide any legal guaranties. Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground. Parts according to directive 2002/95/EG (RoHS).

| | | | |
|--|---|------------------------|--------------------|
| | 14 (14-a) | Ag | T 3644 005 U |
| | | Au | T 3644 058 U |
| | 12 (12-a) | Ag | T 3624 005 U |
| | | Au | T 3624 058 U |
| | 8 (08-a) | Ag | T 3524 005 U |
| | | Au | T 3524 058 U |
| | 7 (07-b) | Ag | T 3444 005 U |
| | | Au | T 3444 058 U |
| | 7 (07-a) | Ag | T 3434 005 U |
| | | Au | T 3434 058 U |
| | 6 (6-a) | Ag | T 3424 005 U |
| | | Au | T 3424 058 U |
| | 5 (05-b) | Ag | T 3394 005 U |
| | | Au | T 3394 058 U |
| | 5 (05-a) | Ag | T 3374 005 U |
| | | Au | T 3374 058 U |
| | 4 (04-a) | Ag | T 3324 005 U |
| | | Au | T 3324 058 U |
| | 3 (03-a) | Ag | T 3274 005 U |
| | | Au | T 3274 058 U |
| Contact arrangement View on mating side | Number of contacts (Contact arrangement acc. DIN EN 61076-2-106) | contact plating | Part number |

Gewicht (errechnet) / Calc WT: 45,82 g Zul. Abw./Tolerances:

Prüfmaß / Testdimension

Teileindex / Partindexnumber:

Bagatelle change:

Maßstab / Scale: 2:1; 1:1 A3

CUSTOMER DRAWING

Male cable connector

Gez. 07.01.2016
 Drawn MCARLE
 Status Released
 Gepr. 07.07.2016
 Checked MGRIMM

Amphenol Tuchel Industrial GmbH Blatt / Sheet 1 / 1

M KB T 3XX4 005+058 U Ers. f. / Replacement for:

02 201600320 07.07.2016 RSCHA
 Index Änderung / Description Datum / Date Name

Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.

Copying of this document and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of the utility model or design.