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|---|---------------------------|---|-----------------|---------------------------|--------------------------|--------------------------|-------------------|-----------------|--------------------------|------|------|--|
| Number of contacts | Standard | 3 | 4 | 5 | 5 | 6 | 7 | 7 | 8 | 12 | 14 | |
| Contact arrangement | IEC 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⁾ | yes | no | yes | no | yes | no | yes | no | | | |
| 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) | 100 V (32 V) | 150 V (32 V) | | | | |
| Rated voltage | UL 1977 | 250V | | | | | | 60V | | | | |
| Rated impulse withstand voltage ²⁾ | IEC 60664-1 | 1500 V (1500 V) | | 1200 V (800 V) | 1500 V (1500 V) | | 1200 V (800 V) | | | | | |
| Pollution degree ²⁾ | IEC 60664-1 | 1 (2) | | | | | | | | | | |
| 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 | | 7A/+40°C | | | | 3A/+40°C | | | | |
| Insulation resistance | IEC 60512-3-1 | >10 ¹⁰ Ohm ³⁾ | | | | | | | | | | |
| Contact resistance | IEC 60512-2-1 | <5mOhm | | | | | | | | | | |
| 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 | 35N | 50N | 55N | 55N | 60N | 50N | 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 or thermoplast | | | | | | | | | | |
| 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 (12-14pol) | | | | | | | | | | |
| termination technique | | crimp | | | | | | | | | | |
| wire gauge | | 0,09-1,0mm ² | | 0,09-0,75 mm ² | 0,09-1,0 mm ² | 0,09-0,75mm ² | | | 0,09-0,25mm ² | | | |
| flamability | | UL 94 VO | | | | | | | | | | |
| locking system | | metal screw coupling; tightening torque 0,7 - 1,5 Nm | | | | | | | | | | |

¹⁾ Edition 2000-05
²⁾ values in brackets are according to DIN EN 61076-2-106
³⁾ under operating conditions >10⁸ Ohm

Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground.
 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 ("Beschaffensgarantie" or "Haltbarkeitsgarantie").

| | | |
|--|---|--------------|
| | 14 (14-a) | T 3650 554 U |
| | 12 (12-a) | T 3635 554 U |
| | 8 (08-a) | T 3504 554 U |
| | 7 (07-b) | T 3484 554 U |
| | 7 (07-a) | T 3475 554 U |
| | 6 (6-a) | T 3400 554 U |
| | 5 (05-b) | T 3356 554 U |
| | 5 (05-a) | T 3360 554 U |
| | 4 (04-a) | T 3300 554 U |
| | 3 (03-a) | T 3260 554 U |
| | 2 (Pin 1+3) | T 3200 554 U |
| Contact arrangement View on mating side | Number of contacts (Contact arrangement acc. DIN EN 61076-2-106) | Part number |

| | | | | | | | |
|---|--|---------------------------|--|----------------------|--|----------------------------|--|
| Gewicht (errechnet) / Calc WT: 0,026 kg | | Zul. Abw./Tolerances: | | Maßstab / Scale: 2:1 | | A3 | |
| Prüfmaß / Testdimension | | ISO 2768-c | | DIN / ISO 13715 | | CUSTOMER DRAWING | |
| Teileindex / Partindexnumber: | | Gez. Drawn: 15.06.2021 | | Status: Released | | Male cable connector | |
| Bagatelle change: | | Gepr. Checked: 16.06.2021 | | Checked: MBERTSCH | | for cable diameter 4-6mm | |
| 01 202100006 | | 15.06.2021 | | MCARL | | M HA T 3XXX 554 U | |
| Index | | Änderung / Description | | Datum / Date | | Name | |
| | | | | | | Ers. f. / Replacement for: | |

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 NXM-V03
 Blatt / Sheet 1
 1 Bl.