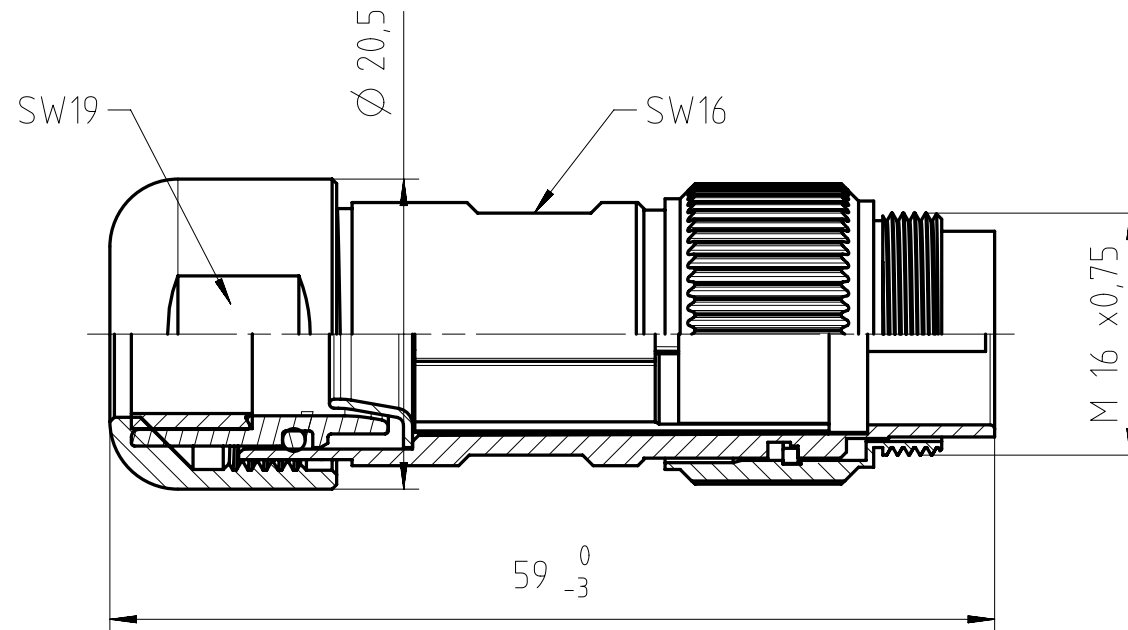


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® Assembly instruction see N 22 091 0022

|                                 |                 |                                                                                                                                    |      |          |              |             |              |      |      |              |      |
|---------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------|------|----------|--------------|-------------|--------------|------|------|--------------|------|
| 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 |
| Rated voltage                   | IEC 60664-1     | 150 V                                                                                                                              |      | 100 V    |              |             |              |      |      | 32 V         |      |
| Rated impulse withstand voltage | IEC 60664-1     | 2500 V                                                                                                                             |      | 1500 V   |              |             |              |      |      | 800 V        |      |
| Pollution degree                | IEC 60664-1     | 3 <sup>n</sup>                                                                                                                     |      |          |              |             |              |      |      |              |      |
| Installation category           | IEC 60664-1     | III                                                                                                                                |      |          |              |             |              |      |      |              |      |
| Insulation group                | IEC 60664-1     | II                                                                                                                                 |      |          |              |             |              |      |      |              |      |
| Current rating                  | IEC 60512-5-3   | 10A/+40°C                                                                                                                          |      | 7A/+40°C |              |             |              |      |      | 3A/+40°C     |      |
| Insulation resistance           | IEC 60512-3-1   | >10 <sup>10</sup> Ohm <sup>2)</sup>                                                                                                |      |          |              |             |              |      |      |              |      |
| Contact resistance              | IEC 60512-2-1   | <5mOhm                                                                                                                             |      |          |              |             |              |      |      |              |      |
| Climatic category               | IEC 60668-1     | 40 / 100 / 21                                                                                                                      |      |          |              |             |              |      |      |              |      |
| Temperatur range                |                 | -40°C...+100°C                                                                                                                     |      |          |              |             |              |      |      |              |      |
| IP degree                       | ↑EC 60529       | IP 68                                                                                                                              |      |          |              |             |              |      |      |              |      |
| Insertion and withdrawal force  | IEC 60512-13-2  | 25N                                                                                                                                | 30N  | 35N      | 35N          | 50N         | 55N          | 55N  | 60N  | 50N          | 50N  |
| mechanical operation            | IEC 60512-9-1   | ≥500                                                                                                                               |      |          |              |             |              |      |      |              |      |
| material housing                |                 | Zinc die cast, nickel plated                                                                                                       |      |          |              |             |              |      |      |              |      |
| dielectric material             |                 | Thermoplast                                                                                                                        |      |          |              |             |              |      |      |              |      |
| sealing material                |                 | Chloroprene                                                                                                                        |      |          |              |             |              |      |      |              |      |
| 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                      |                 | 0,09-1,0mm²                                                                                                                        |      |          | 0,09-0,75mm² | 0,09-1,0mm² | 0,09-0,75mm² |      |      | 0,09-0,25mm² |      |
| flamability                     |                 | UL 94 V0                                                                                                                           |      |          |              |             |              |      |      |              |      |
| locking system                  |                 | metal screw coupling; tightening torque 0,5 - 0,7Nm                                                                                |      |          |              |             |              |      |      |              |      |

<sup>1)</sup> under operating conditions >10<sup>9</sup> Ohm  
<sup>2)</sup> designed according pollution degree 2, can be used under pollution degree 3 if the rules according IEC 60664-1 are fulfilled  
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 ("Beschaffenheitsgarantie" or "Haltbarkeitgarantie").  
Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground.

|                                            |                                                                     |                     |
|--------------------------------------------|---------------------------------------------------------------------|---------------------|
|                                            | 14<br>(14-a)                                                        | C091 11H014 002 4 U |
|                                            | 12<br>(12-a)                                                        | C091 11H012 002 4 U |
|                                            | 8<br>(08-a)                                                         | C091 11H008 002 4 U |
|                                            | 7<br>(07-b)                                                         | C091 11H107 002 4 U |
|                                            | 7<br>(07-a)                                                         | C091 11H007 002 4 U |
|                                            | 6<br>(06-a)                                                         | C091 11H006 002 4 U |
|                                            | 5<br>(05-b)                                                         | C091 11H105 002 4 U |
|                                            | 5<br>(05-a)                                                         | C091 11H005 002 4 U |
|                                            | 4<br>(04-a)                                                         | C091 11H004 002 4 U |
|                                            | 3<br>(03-a)                                                         | C091 11H003 002 4 U |
| Contact arrangement<br>View on mating side | Number of contacts<br>(Contact arrangement<br>acc. IEC 61076-2-106) | Part number         |

|                                                                                                               |                      |            |      |                                             |            |                        |  |                                                    |                     |     |  |       |              |                                                                                       |  |
|---------------------------------------------------------------------------------------------------------------|----------------------|------------|------|---------------------------------------------|------------|------------------------|--|----------------------------------------------------|---------------------|-----|--|-------|--------------|---------------------------------------------------------------------------------------|--|
| Gewicht (errechnet) / Calc WT :                                                                               |                      |            |      | g                                           |            | Zul. Abw./Tolerances : |  | Maßstab / Scale :                                  |                     | 2:1 |  | A3    |              |  |  |
|  Prüfmaß / Testdimension |                      |            |      |                                             |            |                        |  | Material:<br>Oberfläche:                           |                     |     |  |       |              |                                                                                       |  |
| Teileindex<br>Partindexnumber                                                                                 |                      |            |      |                                             |            |                        |  |                                                    |                     |     |  |       |              |                                                                                       |  |
|                                                                                                               |                      |            |      | 2013                                        | Datum/Date | Name                   |  | male cable connector<br>for cable diameters 8-10,5 |                     |     |  |       |              |                                                                                       |  |
|                                                                                                               |                      |            |      | Gez.                                        | 17.05.     | Carle                  |  |                                                    |                     |     |  |       |              |                                                                                       |  |
|                                                                                                               |                      |            |      | Drawn                                       |            |                        |  |                                                    |                     |     |  |       |              |                                                                                       |  |
|                                                                                                               |                      |            |      | Gepr.                                       |            |                        |  |                                                    |                     |     |  |       |              |                                                                                       |  |
|                                                                                                               |                      |            |      | Checked                                     |            |                        |  |                                                    |                     |     |  |       |              |                                                                                       |  |
| 02                                                                                                            | 201300837            | 04.12.13   | IM   | <b>Amphenol-Tuchel<br/>Electronics GmbH</b> |            |                        |  | M                                                  | C091 11HXXX 002 4 U |     |  |       | Blatt/ Sheet |                                                                                       |  |
| 01                                                                                                            | 201300382            | 02.07.13   | Cm   |                                             |            |                        |  |                                                    |                     |     |  |       | 1            |                                                                                       |  |
| Index                                                                                                         | Änderung/Description | Datum/Date | Name |                                             |            |                        |  | Ers. f. / Replacement for :                        |                     |     |  | 1 Bl. |              |                                                                                       |  |

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