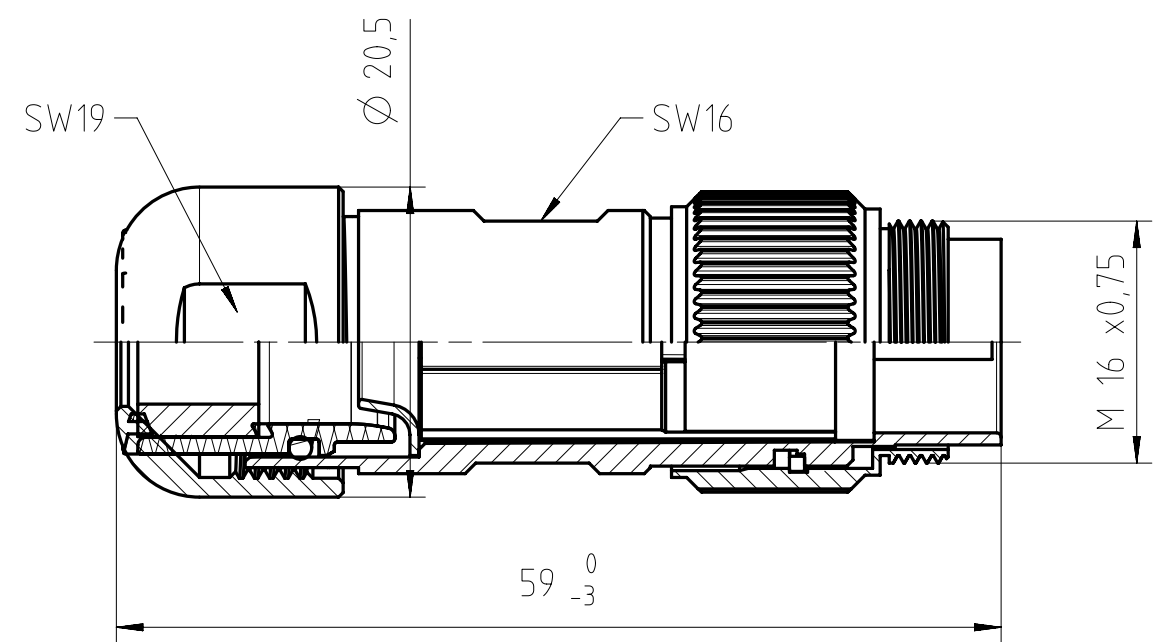


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® Assembly instruction see N 22 091 0022

|                                 |                 |                                                                                                                                    |      |          |                          |                         |                          |      |      |                          |      |
|---------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------|------|----------|--------------------------|-------------------------|--------------------------|------|------|--------------------------|------|
| 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                      |                 | 0,09-1,0mm <sup>2</sup>                                                                                                            |      |          | 0,09-0,75mm <sup>2</sup> | 0,09-1,0mm <sup>2</sup> | 0,09-0,75mm <sup>2</sup> |      |      | 0,09-0,25mm <sup>2</sup> |      |
| flamability                     |                 | UL 94 V0                                                                                                                           |      |          |                          |                         |                          |      |      |                          |      |
| locking system                  |                 | metal screw coupling; tightening torque 0,5 - 0,7Nm                                                                                |      |          |                          |                         |                          |      |      |                          |      |

<sup>1)</sup> under operating conditions >10<sup>8</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 ("Beschaffungsgarantie" 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 001 4 U |
|                                            | 12<br>(12-a)                                                        | C091 11H012 001 4 U |
|                                            | 8<br>(08-a)                                                         | C091 11H008 001 4 U |
|                                            | 7<br>(07-b)                                                         | C091 11H107 001 4 U |
|                                            | 7<br>(07-a)                                                         | C091 11H007 001 4 U |
|                                            | 6<br>(06-a)                                                         | C091 11H006 001 4 U |
|                                            | 5<br>(05-b)                                                         | C091 11H105 001 4 U |
|                                            | 5<br>(05-a)                                                         | C091 11H005 001 4 U |
|                                            | 4<br>(04-a)                                                         | C091 11H004 001 4 U |
|                                            | 3<br>(03-a)                                                         | C091 11H003 001 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

Prüfmaß / Testdimension

Teileindex

Partindexnumber

Zul. Abw./Tolerances:

2013

Gez.

Drawn

Gepr.

Checked

Datum/Date

17.05.

Name

Carle

Maßstab / Scale:

2:1

A3

Material:  
Oberfläche:

male cable connector  
for cable diameters 6-8mm

Amphenol-Tuchel  
Electronics GmbH

M

C091 11HXXX 001 4 U

Blatt/Sheet  
1  
1 Bl.

Ers. f. / Replacement for:

Index

Änderung/Description

Datum/Date

Name

# Mouser Electronics

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