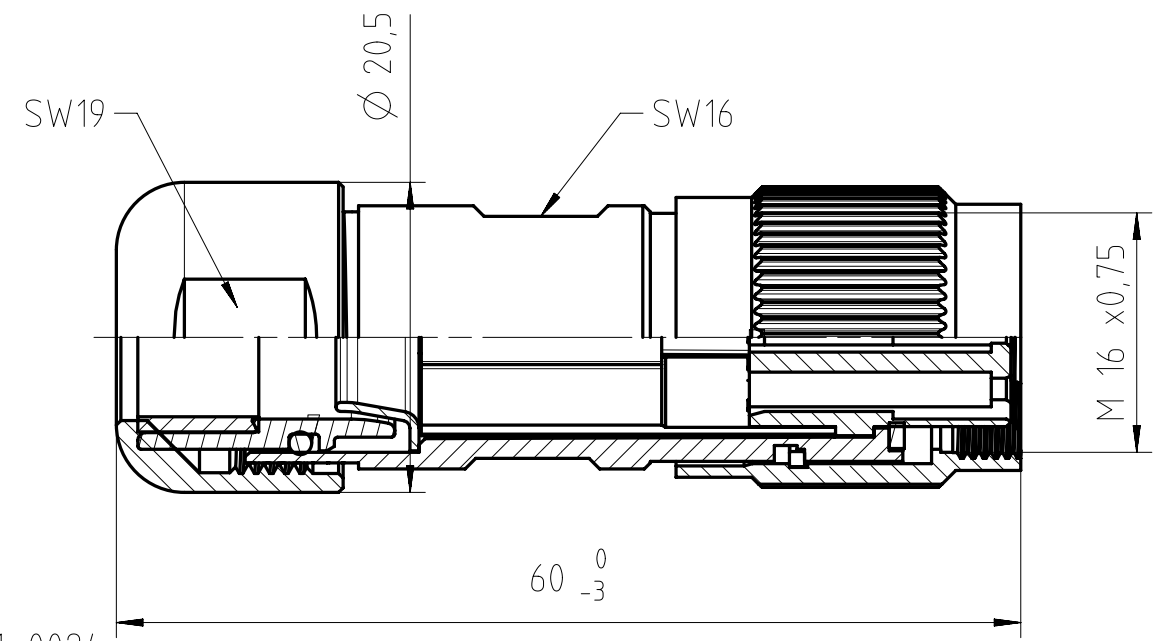


Copied of this document and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of the utility model or design.

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.



© Assembly instruction see N 22 091 0024

|                                 |                 |                                                                                                                                    |      |          |                          |                         |                          |      |      |                          |      |
|---------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------|------|----------|--------------------------|-------------------------|--------------------------|------|------|--------------------------|------|
| 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                       | IEC 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 02 015 00XX X (3-8pol) or M-N 02 010 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  
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 ("Beschaffenheitsgarantie" or "Haltbarkeitsgarantie").

|                                            |                                                                     |                     |
|--------------------------------------------|---------------------------------------------------------------------|---------------------|
|                                            | 14<br>(14-a)                                                        | C091 11D014 002 4 U |
|                                            | 12<br>(12-a)                                                        | C091 11D012 002 4 U |
|                                            | 8<br>(08-a)                                                         | C091 11D008 002 4 U |
|                                            | 7<br>(07-b)                                                         | C091 11D107 002 4 U |
|                                            | 7<br>(07-a)                                                         | C091 11D007 002 4 U |
|                                            | 6<br>(06-a)                                                         | C091 11D006 002 4 U |
|                                            | 5<br>(05-b)                                                         | C091 11D105 002 4 U |
|                                            | 5<br>(05-a)                                                         | C091 11D005 002 4 U |
|                                            | 4<br>(04-a)                                                         | C091 11D004 002 4 U |
|                                            | 3<br>(03-a)                                                         | C091 11D003 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

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:

female cable connector  
for cable diameters 8-10,5

02 201300837 04.12.13 IM

01 201300382 02.07.13 CM

Index Änderung/Description Datum/Date Name

Amphenol-Tuchel Electronics GmbH

M C091 11DXXX 002 4 U

Ers. f. l. Replacement for:

Blatt/Sheet 1

1 Bl.

87

7

6

5

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[C09111D1070024U](#)