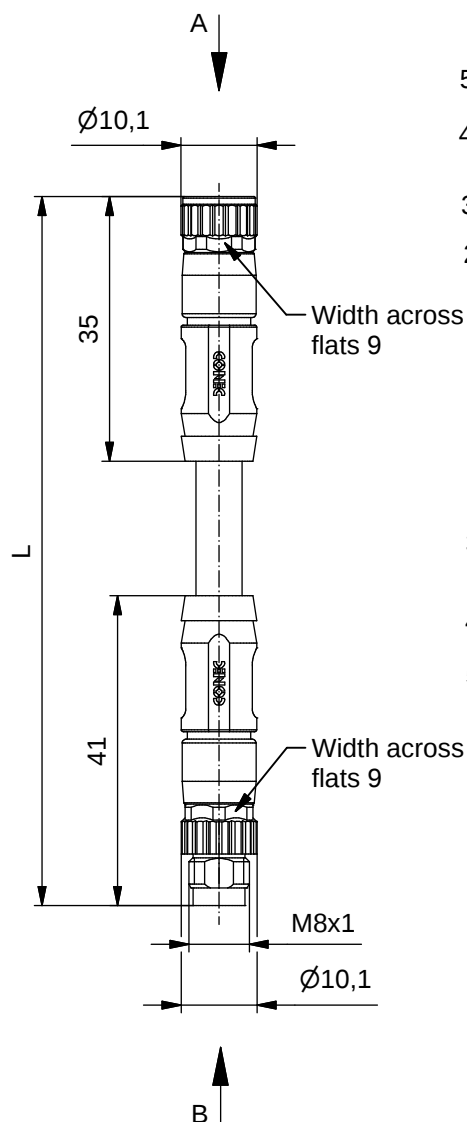


#### Contact assignment:

|                               |        |   |
|-------------------------------|--------|---|
| 1                             | white  | 1 |
| 2                             | brown  | 2 |
| 3                             | green  | 3 |
| 4                             | yellow | 4 |
| 5                             | grey   | 5 |
| 6                             | pink   | 6 |
| 7                             | blue   | 7 |
| 8                             | red    | 8 |
| Shielding coupling nut/-screw |        |   |

#### Technical specification :

|                        |                           |
|------------------------|---------------------------|
| Rated voltage:         | 30 V                      |
| IEC 61076-2-104        |                           |
| Current rating:        | 1,5 A bei 40°C            |
| IEC 61076-2-104        |                           |
| Insulation resistance: | >=100 MΩ                  |
| IEC 60512              |                           |
| Pollution degree:      | 3/2                       |
| IEC 60664-1            |                           |
| Degree of protection:  | IP 67, in mated condition |
| IEC 60529              |                           |
| Temperature range:     | -30°C ... +80°C           |
| EN 60512-11-10         |                           |
| EN 60512-11-4          | -40°C ... +85°C           |
| Mating cycles:         | >=100                     |
| IEC 60512-9a           |                           |

#### Cable specification:

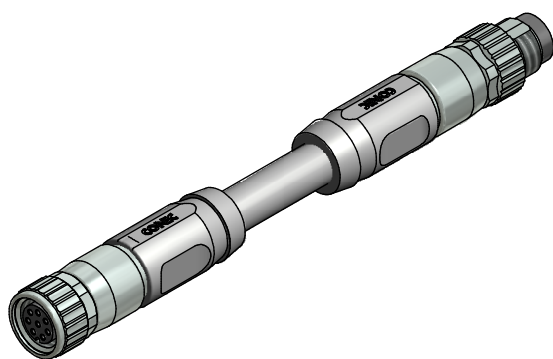
|                   |                 |
|-------------------|-----------------|
| Temperatur range: |                 |
| static            | -30°C ... +80°C |
| flexibel          | -15°C ... +80°C |

#### Materials:

|                      |                          |
|----------------------|--------------------------|
| Contact:             | CuZn, Ni b / Au 0,2 gal. |
| Contact carrier:     | PA, UL 94 V-0            |
| Sealing:             | FPM                      |
| Coupling nut/-screw: | GD-Zn, Nickel plated     |
| Moulding body:       | TPU, UL 94 HB, grey      |
| Shielding bush:      | CuZn, Nickel plated      |

#### Installation specification:

|                          |                                                                    |
|--------------------------|--------------------------------------------------------------------|
| Recommended torque:      | 0,4 Nm                                                             |
| Conec installation tool: | Torque wrench:<br>36-000200<br>Insert across flats 9:<br>36-000210 |



| Part-no: | Description:                    | Length L: | Cable:                                                         |
|----------|---------------------------------|-----------|----------------------------------------------------------------|
| 42-12206 | SAL - 8S - RK8 - RS8 - 0,3 / G3 | 0,3m      | PVC, UL 2464, grey, 8x0,14mm <sup>2</sup><br>Cable: 781-G31800 |
| 42-12207 | SAL - 8S - RK8 - RS8 - 0,6 / G3 | 0,6m      |                                                                |
| 42-12208 | SAL - 8S - RK8 - RS8 - 1,5 / G3 | 1,5m      |                                                                |
| 42-12209 | SAL - 8S - RK8 - RS8 - 3 / G3   | 3m        |                                                                |
| 42-xxxxx | SAL - 8S - RK8 - RS8 - ... / G3 | x         |                                                                |

DO NOT ALTER CAD DRAWING BY HAND

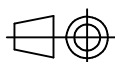
RoHS & REACH compliant

Index a: 01.06.2015 rch Ä5648  
Data sheet changed

tolerance of cable: L ≤ 4m: L + 40mm  
L > 4m: L + 1%

general tolerance: 0 ± 0,50mm  
0,0 ± 0,25mm  
0,00 ± 0,10mm  
+ ± 5°

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH



dim. in mm

|       | date     | name     |
|-------|----------|----------|
| drawn | 25.09.13 | Christen |
| appd. | 25.09.13 | Mankopf  |

**CONEC**®

title:

Connecting cable M8x1, 360°-shielding,  
female connector axial - male connector  
axial

dwg no:

42K1A561

part no:



# Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[42-12208](#) [42-12209](#) [42-12206](#) [42-12207](#)