

## receptacle\_with\_break\_away\_and\_push\_pull\_locking\_for\_front\_panel\_mounting

size: 1, IP68, keying: a, number\_of\_contacts: 14, solder\_cup, contact\_type: sockets, Signal



### Basic information

|                    |                      |
|--------------------|----------------------|
| Part number        | G11KAC-P14LCC0-0000  |
| Category           | connector            |
| Type of connector  | receptacle           |
| Assembly situation | front_panel_mounting |
| Size               | 1                    |

### Contact insert description

|                        |            |
|------------------------|------------|
| Transmission type      | Signal     |
| Number of contacts     | 14         |
| Contact type           | sockets    |
| Contact diameter       | 0.5 mm     |
| Termination type       | solder_cup |
| Termination diameter   | 0.45 mm    |
| Wire cross section AWG | AWG 28     |

### Technical information

|                                              |                             |                                            |
|----------------------------------------------|-----------------------------|--------------------------------------------|
| Nominal current single contact               | 4 A                         | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert                          | 2                           | VDE 0298-4:2003                            |
| Test voltage                                 | 0.9 kV AC                   | SAE AS 13441:1998 method 3001.1            |
| Max. creepage distance (contact to contact)  | 0.5 mm (Contact to housing) |                                            |
| Max. creepage distance (contact to housing)  | 0.6 mm (Contact to housing) |                                            |
| Max. clearance distance (contact to contact) | 0.5 mm (Contact to contact) |                                            |
| Max. clearance distance (contact to housing) | 0.6 mm (Contact to housing) |                                            |

**Mechanical and environmental data**

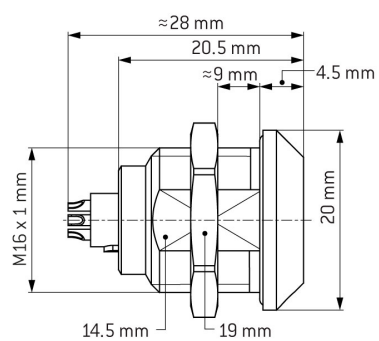
|                            |                        |
|----------------------------|------------------------|
| Locking principle          | break_away , push_pull |
| Keying                     | coding_30°             |
| Mating cycles              | 5.000                  |
| IP class                   | IP68                   |
| Max. operating temperature | 120 °C                 |
| Min. operating temperature | -40 °C                 |
| Tightening torque          | 4.5 Nm                 |
| Weight                     | 18.54 g                |

ip\_protection\_class\_refers\_to\_mated\_condition

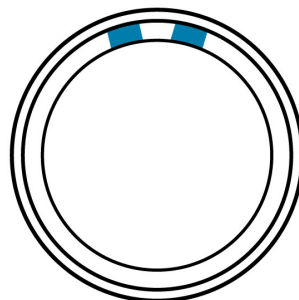
**Material and surface treatments**

|                  |                                  |
|------------------|----------------------------------|
| Material         | cu_alloy_with_matt_chrome_finish |
| Contact material | cu_alloy_with_gold_finish        |

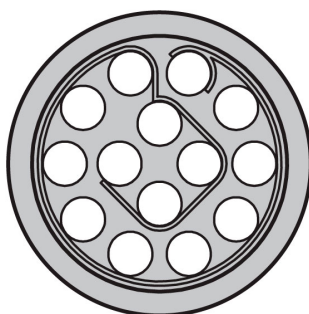
## DIMENSIONS



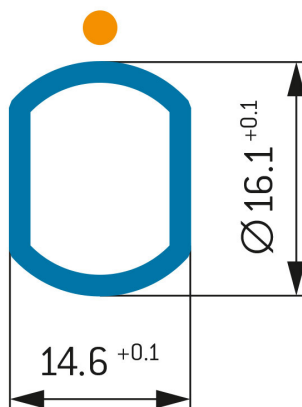
**CODING:** 30 °



**POSITIONS:** 14 Positions



PANEL CUT OUT:



## Further technical information and downloads

[3D-File \(STP File\)](#)

[Technical specifications](#)