

receptacle\_with\_break\_away\_locking\_for\_rear\_panel\_mounting\_with\_cable\_outlet

size\_00\_ip6k8\_ip6k9k\_coding\_a\_light\_brown\_2\_contacts\_sockets\_solder\_cup\_signal\_transmission



Basic information

|                    |                     |
|--------------------|---------------------|
| Part number        | G6CWAM-P02WCE0-0000 |
| Category           | connector           |
| Type of connector  | receptacle          |
| Assembly situation | rear_panel_mounting |
| Size               | f15343              |

Contact insert description

|                        |            |
|------------------------|------------|
| Transmission type      | Signal     |
| Number of contacts     | 2          |
| Contact type           | sockets    |
| Contact diameter       | 88d6d3     |
| Termination type       | solder_cup |
| Termination diameter   | ec72e6     |
| Wire cross section AWG | c124da     |

Technical information

|                             |           |                                            |
|-----------------------------|-----------|--------------------------------------------|
| Max. current single contact | 61a7f7    | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Max. current insert         | 3 A       | VDE 0298-4:2013                            |
| Test voltage                | 1.2 kV DC | EIA-364-20F:2019-02                        |

Cable description

|                     |             |
|---------------------|-------------|
| Cable outlet        | overmolding |
| Min. cable diameter | 3.2         |
| Max. cable diameter | 5           |

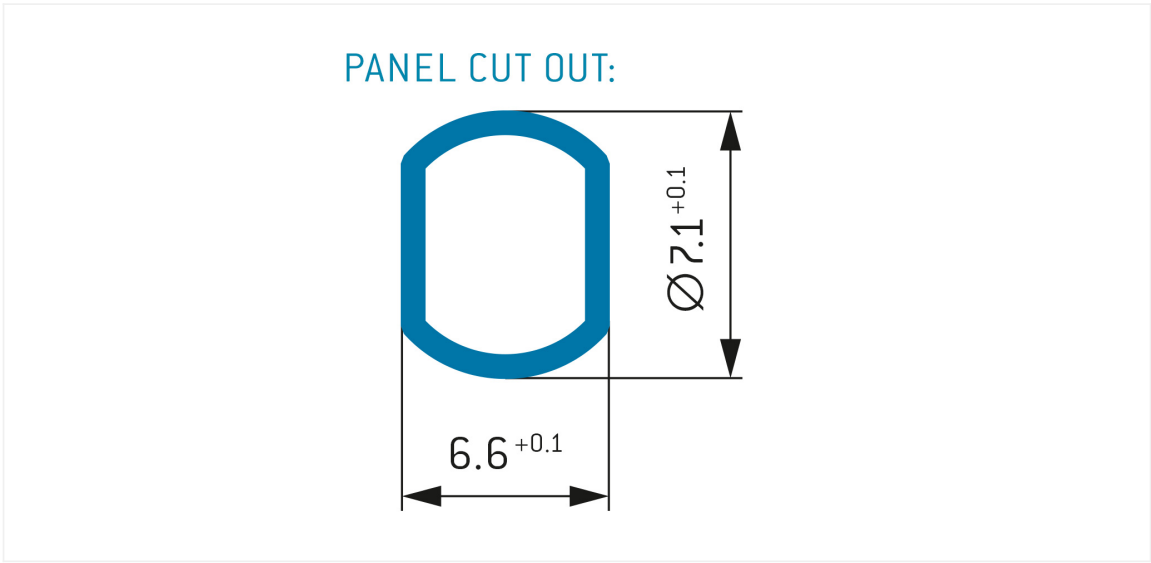
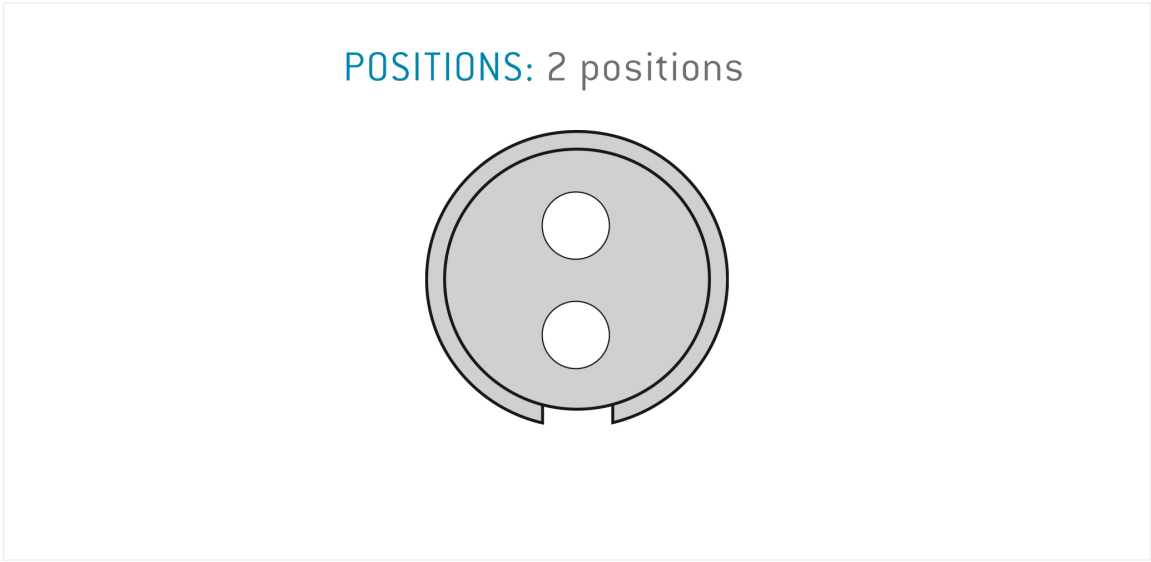
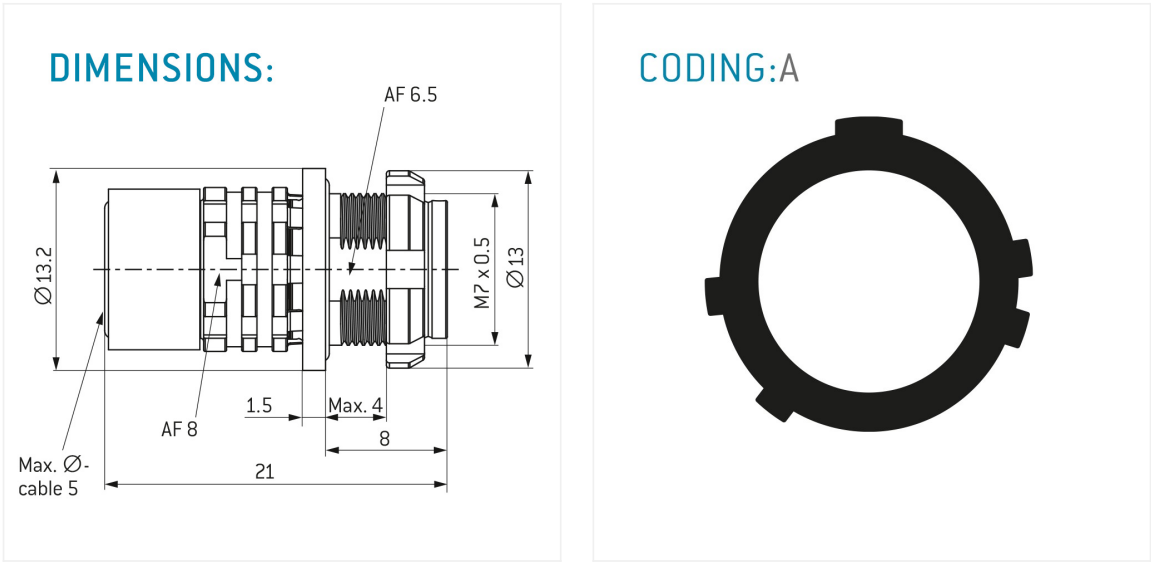
**Mechanical and environmental data**

|                            |               |
|----------------------------|---------------|
| Locking principle          | break_away    |
| Keying                     | a             |
| Mating cycles              | 9e1839        |
| IP class                   | IP68 / IP6K9K |
| Max. operating temperature | 125 °C        |
| Min. operating temperature | -51 °C        |
| Tightening torque          | 0.5 Nm        |
| Weight                     | 4.75 g        |

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

**Material and surface treatments**

|                  |                                |
|------------------|--------------------------------|
| Material         | cu_alloy_with_ruthenium_finish |
| Contact material | gold                           |



## Further technical information and downloads

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

[Assembly Instruction](#)

[Technical specifications](#)