

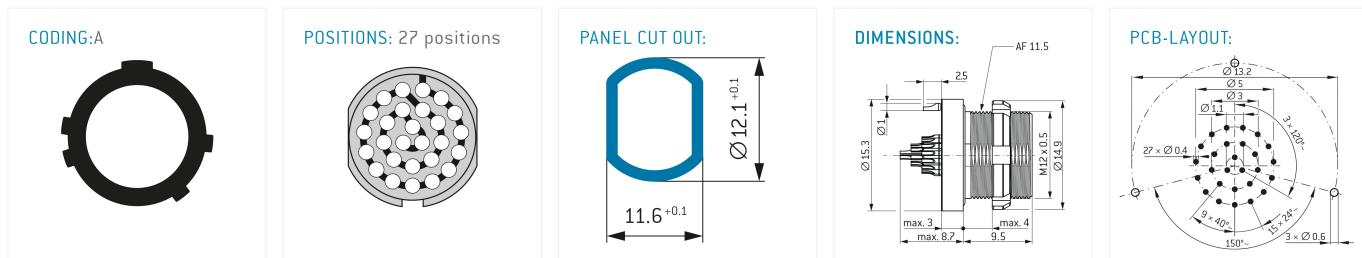
Panel mount receptacle with screw-lock

General information

| | |
|-------------------|--------------------------|
| Part number | GC1WAM-P27UB00-000L |
| Termination | PCB |
| Size | 1 |
| Locking principle | Break-Away, Screwlocking |
| Coding | A (light brown) |
| Cable Diameter | 3.2 – 8.5 mm |



Illustrations may differ from original product.
Dimensions, unless otherwise specified, in mm.



The pin layout corresponds to the view on the termination area

Contact insert description

| | |
|----------------------|------------------------|
| Number of contacts | 27 |
| Contact type | Sockets |
| Contact diameter | 0.3 mm |
| Insulator material | PEEK |
| Termination | PCB |
| Termination diameter | 0.3 mm |
| Data transmission | HDMI 1.3 (8.13 Gbit/s) |

Reverse gender on request

Technical information

| | | |
|--------------------------------|------------|--|
| Nominal current single contact | 1 A | IEC 60512-5-2:2002 (DIN EN 60512-5-2:2003) |
| Test voltage | 0.75 kV DC | EIA-364-20F:2019-02 |

All shown connectors are rated to a safety extra low voltage (SELV) of less than 50 V AC / 75 V DC, according to IEC 61140:2016 [VDE 0140-1:2016] Protection against electric shock - Common aspects for installation and equipment. In case other standards rule a specific use of the connector, the application specific safety criteria shall be considered first. In this context, lower voltage ratings may be valid. Warning: Danger to life for operating voltages above 50 V AC / 120 V DC!

Mechanical and environmental data

| | |
|------------------------------|-----------------|
| Degree of protection* | IP6K8 / IP6K9K |
| Operating temperature | -51 °C – 125 °C |
| Mating cycles | 5000 |

*mated condition

Material and surface treatments

| | |
|----------------|--------------------------------|
| Housing | Cu-alloy with ruthenium finish |
| Contact | Cu-alloy with gold finish |

All shown connectors are defined without breaking capacity (COC) according to IEC 61984:2008 (VDE 0627:2009).

The contact arrangement of an ODU data transmission connector differs from a standard data transmission connector due to the robust ODU specific design. However, the ODU design meets the electrical specifications of the respective standard data transmission protocol.

ODU MEDI-SNAP® and MINI-SNAP® are UL-approved [E110586].

ODU reserves the right to make changes based on the current state of knowledge without prior notice without being obliged to provide replacement deliveries or refinements of older designs.