

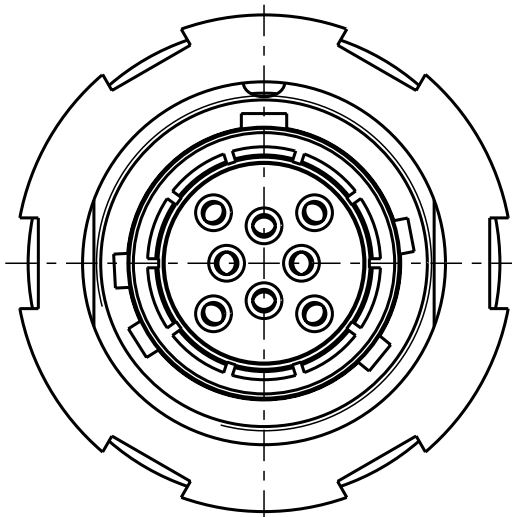
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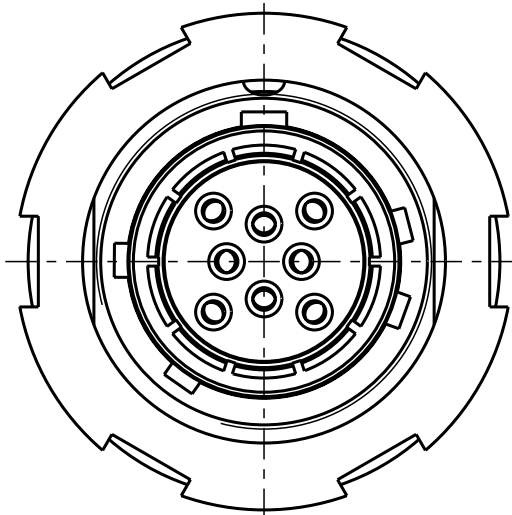
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CAD: Pro/ENGINEER

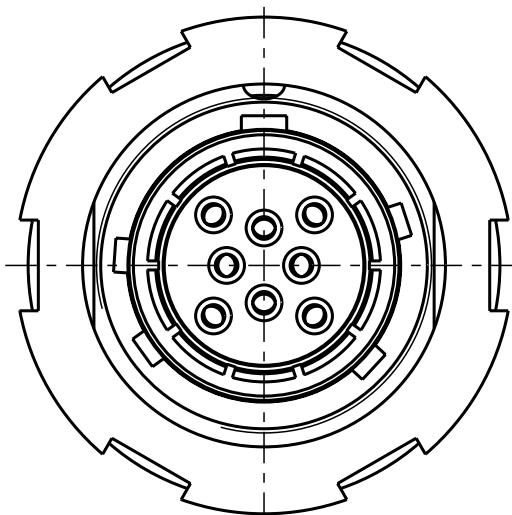
Additional coding
View in direction A



G82YBR-PD8UJ00-000L
Mechanical coding: B
Color coding: red

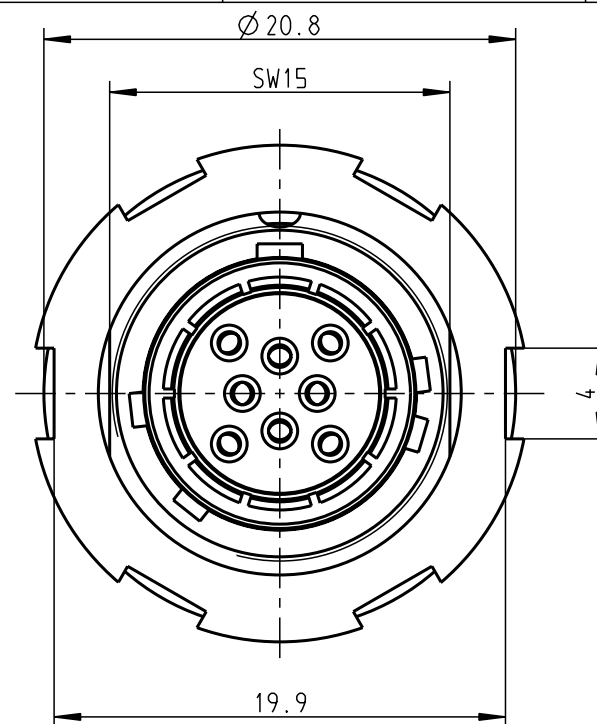
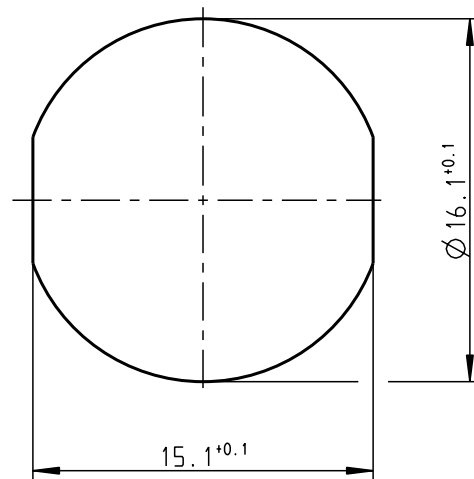


G82YCR-PD8UJ00-000L
Mechanical coding: C
Color coding: blue



G82YDR-PD8UJ00-000L
Mechanical coding: D
Color coding: green

Panel cut-out



G82YAR-PD8UJ00-000L
Mechanical coding: A
Color coding: light brown

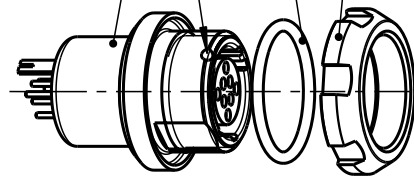
Keying indication

Receptacle

O-ring

Nut 1)

Nutdriver: 702.098.001.000.000
Torque: 4.0 Nm



Delivery condition
1:1

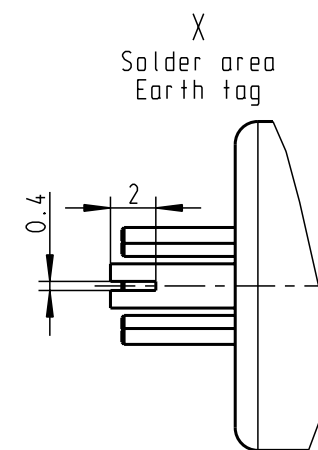
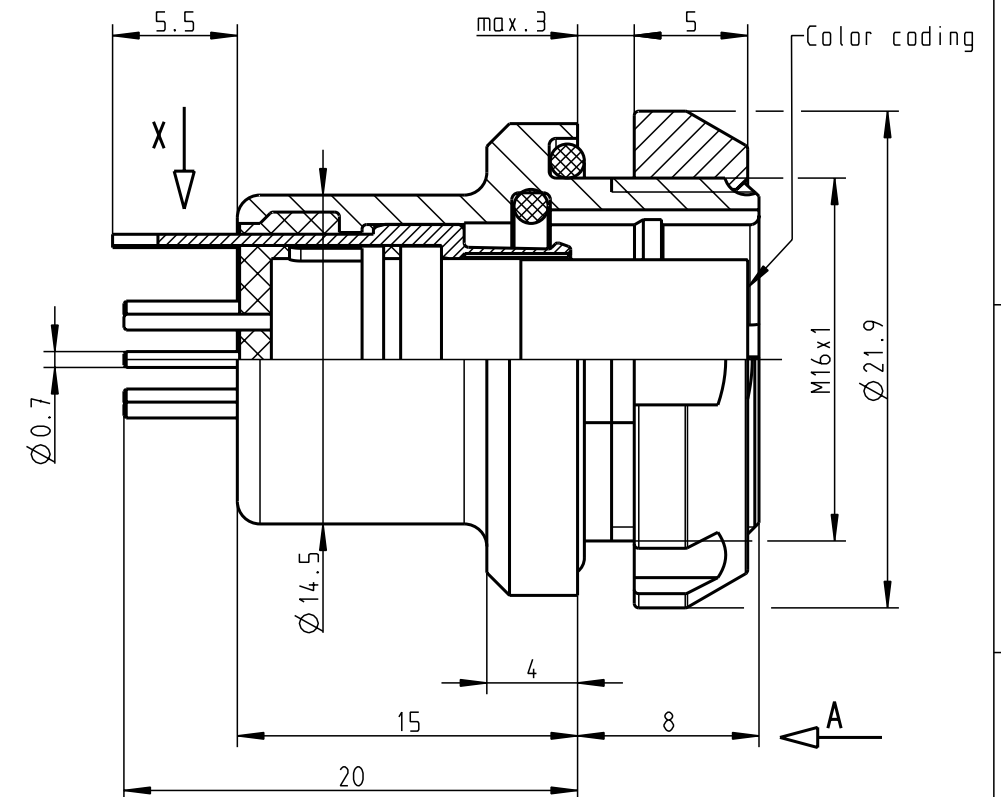
Technical information

- Print contacts
- Current load: 10A@Δt40° (Single contact)
6.5A@Δt40° (Insert)
- Test voltage: 1500V (acc. SAE AS 13441:1998, Contact to contact)
- Rated voltage: 500V (acc. SAE AS 13441:1998) 2)
- Information technology: CAT 6A (acc. IEC 11801)
*usable for: - 10 Gigabit-Ethernet
- Gigabit-Ethernet
- Fast-Ethernet
- and other equivalent protocols
- *differential pairs: - Insertion loss better -0.37dB @500MHz
- Return loss better -20dB @500MHz
- NEXT better -40dB @500MHz
(testreport on request)

- For more technical information and accessories see catalogue (www.odu.de/amc)

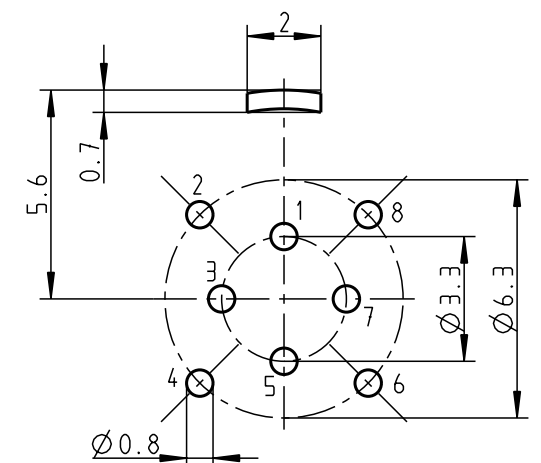
1) ODU recommend an additional locking of the nut with adhesive (e.g. Loctite 2701) to the screw thread.

2) Maximal operating voltage at sea level up to 2.000m. Rated voltage applies no other electrical safety standard. In case other standards rule a specific use of the connector, the application specific safety criteria shall be considered first. This must be evaluated in the frame of equipment engineering.



Connection diagram	
pos	color
1	white/green
2	green
3	white/brown
4	brown
5	white/blue
6	blue
7	white/red
8	red

PCB-Layout
view in mating direction A
5:1



All shown connectors are according to DIN EN 61984:2009
connectors without breaking capacity (COC) !

				General tolerances to DIN ISO 2768-mK		PE-modell-nr.:	
				Toleration to DIN ISO 8015		CAD-nr.: 00051225	
				2011	date	name	sheet.:
				prep.	09.12.	M. Meier	scale:
				app.			3:1
				norm.			copy
				index notice date name		drawing nr.: G82Y.R-PD8UJ00-000L	
				otto dunkel gmbh		replacement for:	
						nr.:	