

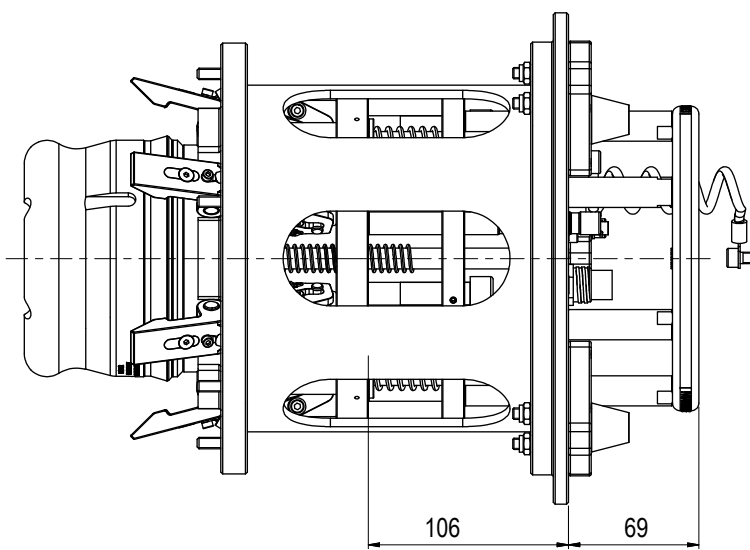
NOTE: 1
 DESIGN CODE:
 SWIG

NOTE: 2
 TECHNICAL CLASSIFICATION:
 Article Type: 017-Drone Charging
 Main Group: 17.01. UID Charge Station
 Intermediate Group: 17.80.09. Drone Tools
 Sub Group: 17.80.416.04. Tether

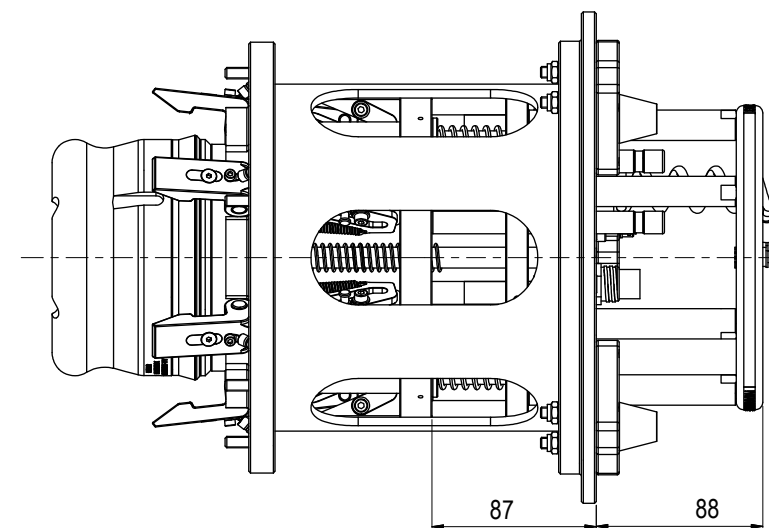
NOTE: 3
 INTERFACE INFORMATION:
 Pressure Rating Bar: N/A
 Design Water Depth: 1000m
 Material: N/A
 Weight: 15,2 kg
 Volume: 13,61 dm³
 Submerged Weight: 1,29 kg
 Surface Area: 26125 cm²
 Hydraulic: N/A
 Mechanical: USB B / SWIG
 Electrical: 325VDC
 Com. & Protocol: Ethernet

NOTE: 4
 ADDITIONAL INFORMATION:
 Inductive connector for power and communication, designed for installation on AUV / subsea drone with on-board tether.
 The connector is used for connecting the tether to subsea charging station, enabling charging and data transfer while the vehicle is operated in tether-mode.

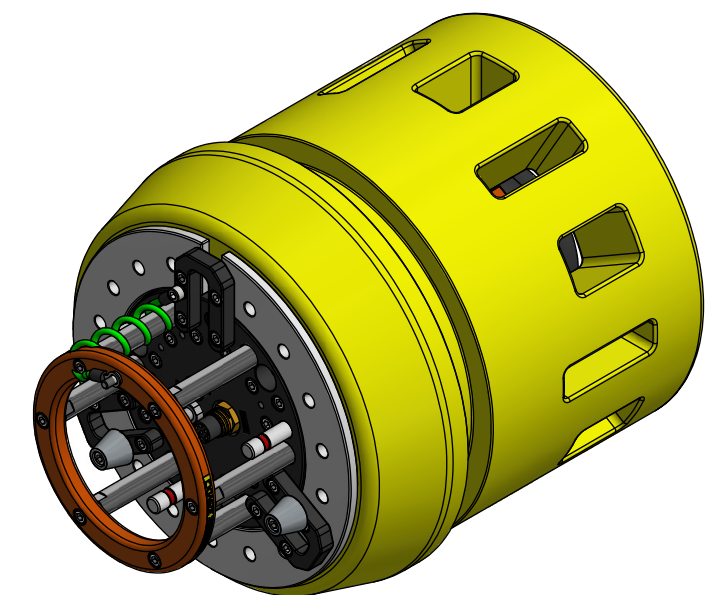
Automatic locks the connector once mated with the charging station's connector. By unspooling the tether, the AUV is free to operate within tether-range. Disconnection is performed by spooling tether fully in. Once tether is fully retracted, the connector's release frame will be pushed forward and subsequently de-activate the locking dogs in the front of the connector. The AUV is then back in free-flying mode.



OPEN POSITION



CLOSED POSITION



09	13.3.2024	7-IFC (Issued for Construction)		WTJ	TAN	WTJ
08	15.3.2023	7-IFC (Issued for Construction)		HNJ	TAN	HNJ
07	28.2.2023	7-IFC (Issued for Construction)		HNJ	LGH	HNJ
06	2.3.2022	7-IFC (Issued for Construction)		HNJ	PIA	HNJ
Rev.	Date	Reason for issue	Revision change	Made	Chk'd	Appr.



This Drawing is the Property of Blue Logic AS © and must Not be Loaned, Reproduced or Transferred to others without written Permission

Dwg Scale:
 NTS
 Dwg Proj:
 Dwg Format:
 A3

Drawing title:
 USB B Sec Side Tether Locking Connector

Drawing number:
 BB4138

Rev:
 09