

NOTE: 1  
DESIGN CODE:  
N/A

NOTE: 2  
TECHNICAL CLASSIFICATION:  
Article Type: 006-El. Connectors  
Main Group: 6.01. Subsea USB  
Intermediate Group: 6.28.04. 0,9-3,6KW Subsea USB  
Sub Group: 6.28.157.01. Male Connector

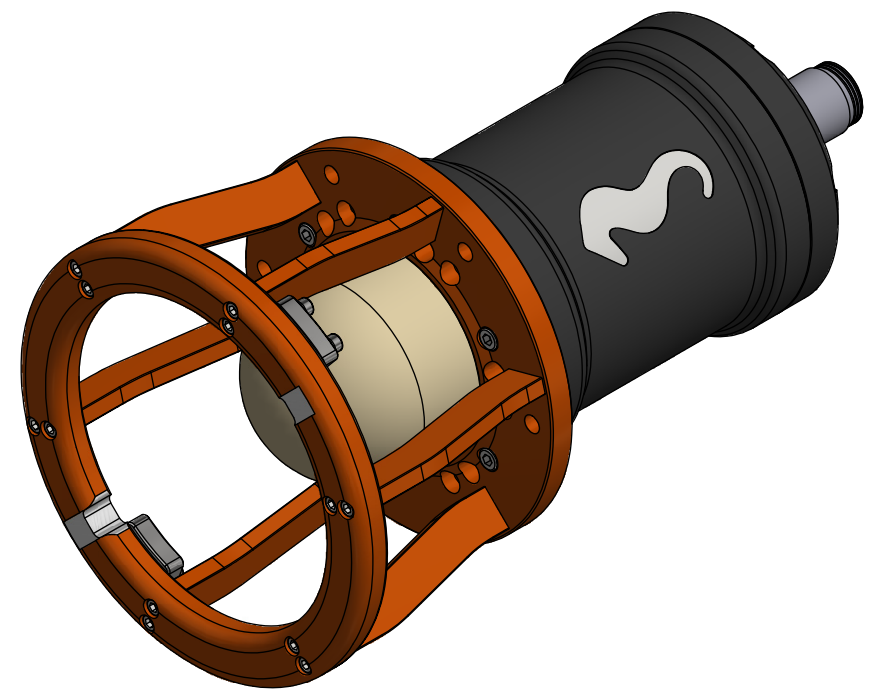
NOTE: 3  
INTERFACE INFORMATION:  
Pressure Rating Bar: 300 (3000m)  
Material: Hard Anodized Aluminium  
Weight: 18,5 kg  
Volume: 7,02 dm^3  
Surface Area: 16918 cm^2  
Hydraulic: N/A  
Mechanical: Flange  
Electrical: 370 VDC, Subconn BCR 2410M  
Com. & Protocol: Ethernet and RS232/RS485\*

NOTE: 4  
OPERATION & MAINTENANCE INFORMATION:  
600128-TD-0013

NOTE: 5  
ADDITIONAL INFORMATION:  
Inductive Subsea Connector for transfer of electrical power and communication type Blue Logic USB C.  
The Blue Logic USB C series inductive connector is a multipurpose electrical connector with the capacity of transferring up to 2kW electrical power, 80Mbps Ethernet and 230kbps serial communication. The active part is spherical shaped giving unique properties with regards to guiding and self-alignment between male and female part and very rough angular tolerances. Easy to connect and disconnect by divers, ROV or AUV's. BA7713 is a male connector, configured to be the primary side (transmitting part) in a connector system.

Full galvanic isolation between primary and secondary side connector  
Connect and disconnect "hot" with full power and voltage  
Possible to transform voltage between primary and secondary side  
Built in diagnostic and housekeeping functionality.

\* RS485 Optional



05	27.5.2019	9-IFU (Issued for Use)		WTJ	LGH	WTJ	<div>BLUE LOGIC</div> <div>This Drawing is the Property of Blue Logic AS © and must Not be Loaned, Reproduced or Transferred to others without written Permission</div>	Dwg Scale: NTS	<div>Dwg Proj:</div> <div>Dwg Format: A3</div>	Drawing title: BL ROV Male 2kW Subsea USB		Drawing number: BA7713	Rev. 07
04	15.1.2019	9-IFU (Issued for Use)		WTJ	LGH	WTJ							
03	27.6.2018	9-IFU (Issued for Use)		WTJ	LGH	WTJ							
02	18.08.2016	9-IFU (Issued for Use)		WTJ	LGH	WTJ							
Rev.	Date	Reason for issue	Revision change	Made	Chk'd	Appr.							