



NOTE: 1  
DESIGN CODE:  
N/A

NOTE: 2  
TECHNICAL CLASSIFICATION:  
Article Type: 018-Subsea USB  
Main Group: 18.01. USB Gen1  
Intermediate Group: 18.190.02. USB-B  
Sub Group: 18.190.156.01. Male Connector

NOTE: 3  
INTERFACE INFORMATION:  
Pressure Rating Bar: 300  
Design Water Depth: 3000m  
Material: N/A  
Weight: 5,5 kg  
Volume: 2,63 dm<sup>3</sup>  
Submerged Weight: 2,83 kg  
Surface Area: 8574 cm<sup>2</sup>  
Hydraulic: N/A  
Mechanical: N/A  
Electrical: 24 VDC, Subconn BCR2410F  
Com. & Protocol: Ethernet, RS232

NOTE: 4  
OPERATION & MAINTENANCE INFORMATION:  
600128-TD-0007

NOTE: 5  
ADDITIONAL INFORMATION:  
Inductive Subsea Connector for transfer of electrical power and communication. The Blue Logic 250W series inductive connector is a multipurpose electrical connector with the capacity of transferring up to 250W electrical power, 80Mbps Ethernet and 230kbps serial communication. Easy to connect and disconnect by divers, ROV or AUV's. BA7754 is a male connector, configured to be the secondary side 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.

Maximum panel thickness with threaded holes: 15mm  
Maximum panel thickness with Ø6,5 holes and nut: 10mm

04	22.8.2023	9-IFU (Issued for Use)		WTJ	LGH	WTJ
03	30.3.2021	9-IFU (Issued for Use)		WTJ	LGH	WTJ
02	17.3.2017	9-IFU (Issued for Use)		WTJ	LGH	WTJ
01	7.12.2015	2-IFT (Issued for Tender)		WTJ	LGH	N/A
Rev.	Date	Reason for issue	Revision change	Made	Chk'd	Appr.



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Dwg Scale:  
NTS  
Dwg Proj:  
Dwg Format:  
A3

Drawing title:  
250W Inductive Connector Secondary Side wFlange RS232

Drawing number:  
BA7754

Rev.  
04