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RED SYSTEM LED

YELLOW THRUSTER ACTIVITY LED

GREEN ACTIVE LED

BOW THRUSTER CONTROLS

STERN THRUSTER CONTROLS

SELECT JOYSTICK CONTROL

DETAIL A  
SCALE 1 : 1

BOW END

4X R12.7  
[.50]

4X R9.5  
[.38]

( 54.6  
[2.15] )

77.8  
[3.06]

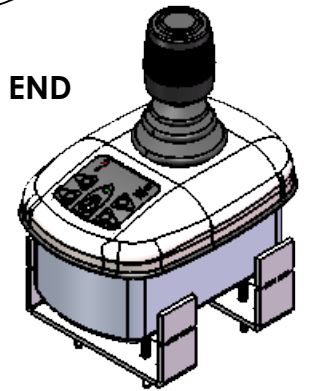
84.1  
[3.31]

R69.9  
[2.75]

R73.1  
[2.88]

STERN END

CUTOUT TEMPLATE - 1:1



- NOTES:
- 1) COVER: POLISHED STAINLESS STEEL.
  - 2) INTEGRAL TRIM GASKET TO DECK INTERFACE.
  - 3) SILICON BACKLIT SWITCH PAD WITH ESD-0409C UV PROTECTORANT ON OUTER SURFACE.
  - 4) CLAMPS ACCOMMODATE 4.4 - 25MM AND 25MM - 44MM DECK THICKNESS.
  - 5) CANBUS INTERFACE CONNECTORS (2).
  - 6) PROGRAMMING PORT (1).
  - 7) NO SIGNS OF RED RUST WHEN SUBJECT TO 300 HR SALT SPRAY TEST PER ASTM-B117.
  - 8) ABOVE DECK WATER INTRUSION RATING OF IP 67, BELOW DECK RATING OF IP66.
  - 9) UV RESISTANCE - 1000 HOURS WITH UVB-313 BULB (280-320nm) @ 60C WITH NO SIGNS OF CRACKING, PEELING, OR EXCESSIVE YELLOWING.
  - 10) KIT CONTAINS TWO SNAP-ON FERRITES FOR ATTACHMENT TO STATION CABLES AT JOYSTICK INTERFACE. SEE INSET FOR ASSEMBLY LOCATION.
  - 11) THIS PRODUCT COMPLIES WITH THE INTENT OF THE FOLLOWING INTERNATIONAL AND INDUSTRY STANDARDS: EN60945:2002, IEC 60533:1999, ISO 25197:2013, AND ABYC P-24(2013).

2X - CLAMP  
6063 ALUMINUM  
ANODIZED CLEAR

2X 3.2  
[.13]

4X WINGNUT  
PA66  
#8-32 - 2B THREAD  
4X STUD -  
18-8 STAINLESS STEEL,  
#8-32 - 2A THREAD

PROGRAMMING PORT -  
ALLOW 150[6] CLEARANCE  
FOR ACCESS

ALLOWANCE FOR  
STATION CABLE  
BEND RADIUS

SEE NOTE 10

STATION CABLE  
AND FERRITE SHOWN  
FOR REFERENCE ONLY

REV	DESCRIPTION	ECN#	APPROVED	DATE
B	UPDATED JOYSTICK PART, 107.4 WAS 94.8, Ø37.3 WAS Ø35.3	6166	MMR	5/27/16
A	INITIAL RELEASE	6151	MMR	5/13/16

GLENDINNING PRODUCTS, LLC 740 CENTURY CIRCLE, CONWAY, SC 29526 PH 843-399-6146 FAX 843-399-5005			
JOYSTICK - GP BOW/STERN THRUSTER			
DWG NO. 11450-JSGBS			
SIZE B	SCALE 1:2	REV. B	
DRAWN BY LC	DATE 5/13/16	CHECKED BY MMR	DATE 5/13/16