

Series 802 AquaMouse™ Submersible Hermetic Receptacle 802-013 Ordering Information



Series 802 Hermetic Receptacles feature gold plated iron alloy contacts and compression glass dielectric material. The 316 series stainless steel connector shell provides excellent corrosion protection and is suitable for e-beam welding. Viton® o-rings offer improved resistance to high temperature and harsh chemicals.

1 x 10⁻⁷ cc/Second Maximum Helium Leak Rate. Open face (unmated) pressure rating is 1000 PSI. When mated, Series 802 connectors withstand 3500 PSI hydrostatic pressure.

How To Order						
Sample Part Number	802-013	-00	Z1	9-200	P	A
Series	802-013 = Hermetic Receptacle					
Shell Style (See Table I)	-00 = Jam Nut for Front Panel Mounting -03 = Weld Mount -02 = Square Flange Front Panel Mount -07 = Jam Nut Rear Panel Mount					
Shell Material and Finish	Z1 = Stainless Steel / Passivated RoHS Compliant ZL = Stainless Steel / Nickel Plated					
Shell Size - Insert Arrangement	See Contact Arrangements page E-2					
Contact Type	P = Pin, PC Tail D = Socket, PC Tail E = Pin, Solder Cup S = Socket, Solder Cup					
Shell Key Position (See Table II)	A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. E F = Pos. F					

Table I: Shell Style





Table I: Shell Style			
 <p>-00 Jam Nut for Front Panel Mounting</p>	 <p>-02 Square Flange</p>	 <p>-03 Weld Mount</p>	 <p>-07 Jam Nut for Rear Panel Mounting</p>

Table II: Key Positions

Key Position	Key Rotation	
	A°	B°
A Normal	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°
E	75°	275°
F	9°	210°

The diagram illustrates a key seated in a shaft-hub assembly. A vertical dashed line represents the initial key position. Two curved arrows indicate the rotation of the key to positions A° and B°. Position A° is shown as a small angle from the vertical, while position B° is shown as a larger angle, representing a significant rotation. The key is shown in cross-section, fitting into the keyway of the hub and the shaft.

Dimensions in Inches (millimeters) are subject to change without notice.