

### **Item 1: Hermetic wire seal type 1**

| <b>S. No.</b> | <b>Specification</b>  | <b>Specification-Value</b>                   |
|---------------|---|--|
| 1.            | Item Type   | Hermetic Wire Seal                           |
| 2.            | Mounting type   | Standard:1/2"-20 UNF 2A Thread               |
| 3.            | Mounting Thread Length                                      | 10mm or more                                 |
| 4.            | Mounting Head   | hexagonal                                    |
| 5.            | Sealing Provision   | Through O ring                               |
| 6.            | O ring material   | Fluorocarbon (VITON)                         |
| 7.            | Type of electrical connections                              | Wires at both ends                           |
| 8.            | No of feed through wires                                    | 3 Nos at both side                           |
| 9.            | Per Wire Current rating                                     | 3A or higher                                 |
| 10.           | Voltage Rating  | +/-50V or higher                             |
| 11.           | Wire length   | Minimum 200 mm                               |
| 12.           | Leakage through hermetic Seal                               | No leakage till 300 bar pressure across seal |
| 13.           | Operating Temperature                                       | 0 to 50 Degree Celcius                       |
| 14.           | Overall Dimensions of Hermetic wire seal ( excluding wires) | 20mm x 20mm x 20mm or lesser                 |