

## **Item 2: Hermetic wire seal type 2**

| <b>S. No.</b> | <b>Specification</b>  | <b>Specification-Value</b>                           |
|---------------|---|--|
| 1.            | Item Type   | Hermetic Wire Seal                                   |
| 2.            | Mounting type   | Standard: 3/4"-16 UNF 2A                             |
| 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                                    | 4 Nos at both side                                   |
| 9.            | Per Wire Current rating                                     | 3A or higher   |
| 10.           | Voltage rating  | +/-50V or higher                                     |
| 11.           | Wire length   | Minimum 100 mm                                       |
| 12.           | Leakage through feedthrough                                 | No leakage till 300 bar pressure across feed through |
| 13.           | Operating Temperature                                       | 0 to 50 Degree Celcius                               |
| 14.           | Overall Dimensions of Hermetic wire seal ( excluding wires) | 30mm x 30mm x 30mm or lesser                         |