



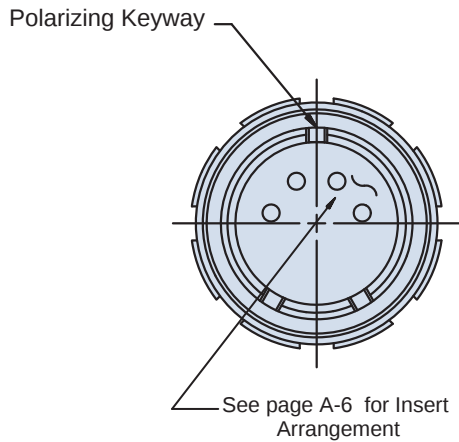
## 220-06 and 220-16 High-Pressure Environmental Cable Plug

### SERIES 22 CABLE PLUG IN STANDARD OR SCOOP-PROOF SHELL WITH PIN OR SOCKET CONTACTS

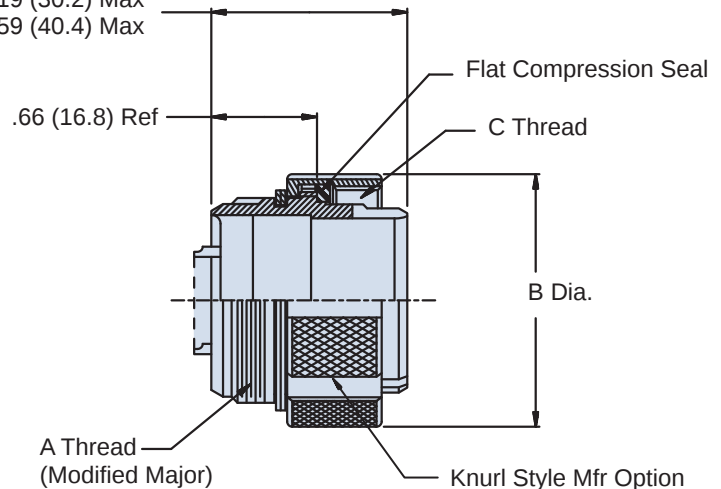


| How To Order                    |                                           |   |       |   |   |
|---------------------------------|-------------------------------------------|---|-------|---|---|
| Sample Part Number              | 220-06                                    | E | 24-61 | S | N |
| Series and Shell Style          | 220-06 - Standard<br>220-16 - Scoop-Proof |   |       |   |   |
| Class                           | E = High-Pressure Environmental           |   |       |   |   |
| Shell Size - Insert Arrangement | See page A-6                              |   |       |   |   |
| Contact Style                   | P = Pin S = Socket                        |   |       |   |   |
| Polarization                    | N, 1, 2, 3, 4 See page A-6                |   |       |   |   |

B



220-06: 1.19 (30.2) Max  
 220-16: 1.59 (40.4) Max



Metric dimensions (mm) are indicated in parentheses

## 220-06 and 220-16 High-Pressure Environmental Cable Plug



Table II: Dimensions

| Shell Size | A Thread Class 2A | Ø B Max      | C Thread Class 2B |
|------------|-------------------|--------------|-------------------|
| 10         | 5/8 - 24 UNEF     | 1.000 (25.4) | .750 - .1P - .1L  |
| 12         | 3/4 - 20 UNEF     | 1.125 (28.6) | .875 - .1P - .1L  |
| 14         | 7/8 - 20 UNEF     | 1.250 (31.8) | 1.000 - .1P - .1L |
| 16         | 1 - 20 UNEF       | 1.375 (34.9) | 1.125 - .1P - .1L |
| 18         | 1 1/8 - 16 UN     | 1.594 (40.5) | 1.250 - .1P - .1L |
| 20         | 1 1/4 - 16 UN     | 1.719 (43.7) | 1.375 - .1P - .1L |
| 22         | 1 3/8 - 16 UN     | 1.894 (48.1) | 1.500 - .1P - .1L |
| 24         | 1 1/2 - 16 UN     | 1.969 (50.0) | 1.625 - .1P - .1L |

Table IV: Replacement Flat Compression Seal

| Shell Size | Glenair Part No. |
|------------|------------------|
| 10         | G70653-10        |
| 12         | G70653-12        |
| 14         | G70653-14        |
| 16         | G70653-16        |
| 18         | G70653-18        |
| 20         | G70653-20        |
| 22         | G70653-22        |
| 24         | G70653-24        |

Table V: Recommended Coupling Nut Assembly Torque Values

| Shell Size | Inch - Pounds |     | Newton - Meters |       |
|------------|---------------|-----|-----------------|-------|
|            | Min           | Max | Min             | Max   |
| 10         | 20            | 40  | 2.26            | 4.52  |
| 12         | 20            | 40  | 2.26            | 4.52  |
| 14         | 30            | 50  | 3.39            | 5.65  |
| 16         | 30            | 50  | 3.39            | 5.65  |
| 18         | 40            | 60  | 4.52            | 6.78  |
| 20         | 50            | 70  | 5.65            | 7.91  |
| 22         | 60            | 80  | 6.78            | 9.04  |
| 24         | 80            | 100 | 9.04            | 11.30 |