

## SERIES 700 10K PSI / 700 BAR / 7000 M SeaKing™ High-Pressure Underwater Connectors, Cables, and PBOF Assemblies



700 Series connectors CCP, FCR and BCR



### 700-001 CABLE CONNECTOR PLUG (CCP) WITH SOLDER CUP TERMINATION



700-006 GLASS-TO-METAL SEAL OR 700-026 GLASS REINFORCED EPOXY, FLANGE CONNECTOR RECEPTACLE (FCR) WITH SOLDER CUP TERMINATION

| SeaKing - How To Order           |                                   |   |           |          |         |           |    |  |
|----------------------------------|-----------------------------------|---|-----------|----------|---------|-----------|----|--|
| Sample Part<br>Number            |                                   | 700                                       | -001      | -K19     | -Z1     | S         | N  |  |
| Product Series                   | <b>700</b> = SeaKing <sup>™</sup> |   |           |          |         |           |    |  |
| Shell Style                      |                                   | 001 = cable connector<br>plug (CCP)       |           |          |         |           |    |  |
| Shell Size-Insert<br>Arrangement | (see sa                           | (see sales drawing for details)           |           |          |         |           |    |  |
| Shell Material                   |                                   | Z1 = 316 stainless steel<br>TC = titanium |           |          |         |           |    |  |
| Contact Style                    | <b>S</b> = soo                    | S = socket                                |           |          |         |           |    |  |
| Polarization                     | <b>A</b> , <b>B</b> , <b>C</b>    | , <mark>N</mark> = norm                   | al (see s | ales dra | wing fo | r details | 5) |  |

| SeaKing - How To Order           |   |  |           |          |         |          |    |  |  |
|----------------------------------|---|--|-----------|----------|---------|----------|----|--|--|
| Sample Part Number 70            |   |  | -006      | -019     | -Z1     | Р        | N  |  |  |
| Product Series                   | 700 =                                     | SeaKing™   |           |          |         |          |    |  |  |
| Shell Style                      | conne<br>(FCR)<br><b>026</b> =            | GTMS flang<br>ector recept<br>GRE flange<br>ector recept |           |          |         |          |    |  |  |
| Shell Size-Insert<br>Arrangement | (see s                                    | (see sales drawing for details)                          |           |          |         |          |    |  |  |
| Shell Material                   | Z1 = 316 stainless steel<br>TC = titanium |  |           |          |         |          |    |  |  |
| Contact Style                    | <b>P</b> = Pi                             | P = Pin  |           |          |         |          |    |  |  |
| Polarization                     | A, B, C                                   | , N = norm   | al (see s | ales dra | wing fo | or detai | s) |  |  |



### 700-007 GLASS-TO-METAL SEAL OR 700-027 GLASS REINFORCED EPOXY, BULKHEAD CONNECTOR RECEPTACLE (BCR) WITH SOLDER CUP TERMINATION

| SeaKing - How To Order           |   |                |           |          |          |     |  |  |  |
|----------------------------------|---|----------------|-----------|----------|----------|-----|--|--|--|
| Sample Part<br>Number            | 700   | -007           | -K19      | -Z1      | Р        | N   |  |  |  |
| Product Series                   | <b>700</b> =<br>SeaKing™  |                |           |          |          |     |  |  |  |
| Shell Style                      | 007 = GTMS bu<br>connector recep<br>(BCR)<br>027 = GRE bulk<br>connector recep<br>(BCR) | ptacle<br>head |           |          |          |     |  |  |  |
| Shell Size-Insert<br>Arrangement | (see sales drawing for details)   |                |           |          |          |     |  |  |  |
| Shell Material                   | Z1 = 316 stainless steel<br>TC = titanium   |                |           |          |          |     |  |  |  |
| Contact Style                    | P = pin   |                |           |          |          |     |  |  |  |
| Polarization                     | <b>A</b> , <b>B</b> , <b>C</b> , <b>N</b> = nor   | mal (see       | e sales d | rawing f | or detai | ls) |  |  |  |

### 700-010 BULKHEAD CONNECTOR FEED-THRU (BCF), INCONEL INSERT, 10K PSI OPEN FACE RATED

| SeaKing - How To Order               |  |   |     |   |   |   |   |    |  |  |
|--------------------------------------|--|---|-----|---|---|---|---|----|--|--|
| Sample Part<br>Number                | 700-010  | -M12  | -Z1 | Ρ | N | Ρ | N | -2 |  |  |
| Product Series                       | <b>700-010</b> =<br>SeaKing <sup>™</sup><br>bulkhead<br>connector<br>feed-thru (BCF) |   |     |   |   |   |   |    |  |  |
| Shell Size-<br>Insert<br>Arrangement | (see sales drawii<br>details)  | ng for  |     |   |   |   |   |    |  |  |
| Shell Material                       | Z1 = 316 stainless steel<br>TC = titanium  |   |     |   |   |   |   |    |  |  |
| Side A,<br>Contact Type              | P = pin S = socket   |   |     |   |   |   |   |    |  |  |
| Side A,<br>Polarization              | A, B, C, N = normal<br>(see polarization table, pgs. 6-7)                            |   |     |   |   |   |   |    |  |  |
| Side B,<br>Contact Type              | $\mathbf{P} = pin$ $\mathbf{S} = so$   | <b>P</b> = pin <b>S</b> = socket                    |     |   |   |   |   |    |  |  |
| Side B,<br>Polarization              | <b>A</b> , <b>B</b> , <b>C</b> , <b>N</b> = norr                                     | A, B, C, N = normal (see sales drawing for details) |     |   |   |   |   |    |  |  |
| Bulkhead<br>Thickness                | <b>1</b> = 1.00 - 1.50<br><b>4</b> = 2.50 - 3.00                                     |   |     | - |   |   |   |    |  |  |



## SERIES 700 10K PSI / 700 BAR / 7000 M SeaKing™ High-Pressure Underwater Connectors, Cables, and PBOF Assemblies



### 700 Series, non-metallic PEEK connectors

#### 700-201 CABLE CONNECTOR PLUG (CCP), PEEK



| SeaKing PEEK - How To Order      |   |                         |          |      |    |   |   |  |  |  |
|----------------------------------|---|-------------------------|----------|------|----|---|---|--|--|--|
| Sample Part Number               |   | 700                     | -201     | -M12 | -K | S | N |  |  |  |
| Product Series                   | <b>700</b> = SeaKing™                                 |                         |          |      |    |   |   |  |  |  |
| Shell Style                      | 201 = non-metallic PEEK<br>cable connector plug (CCP) |                         |          |      |    |   |   |  |  |  |
| Shell Size-Insert<br>Arrangement | (see sales drawing for details)                       |                         |          |      |    |   |   |  |  |  |
| Shell Material                   | K = glass-reinforced PEEK                             |                         |          |      |    |   |   |  |  |  |
| Contact Style                    | <b>S</b> = socket                                     |                         |          |      |    |   |   |  |  |  |
| Polarization                     | <b>A</b> , <b>B</b> , <b>C</b> , <b>N</b> = normal (  | see sales drawing for   | details) |      |    |   | - |  |  |  |
| 10K PSI available in cr          | maller shell sizes. Con                               | tact factory for dotail | c        |      |    |   |   |  |  |  |

10K PSI available in smaller shell sizes. Contact factory for details.

# 700-206 GLASS REINFORCED EPOXY OR GLASS HERMETIC SEAL INSERT, FLANGE CONNECTOR RECEPTACLES (FCR), PEEK



| 00 = SeaKing™                          | 700   | -206   | -E4   | -K   | Р  | Ν  |
|--|---|--|---|--|--|--|
| 5                                      |   |  |   |  |  |  |
|  |   |  |   |  |  |  |
| 2 <mark>6</mark> = non-metalli         |   |  |   |  |  |  |
| (see sales drawing for details)        |   |  |   |  |  |  |
| = glass-reinforce                      | ed PEEK   |  |   |  |  |  |
| = pin                                  |   |  |   |  | -  |  |
| <b>B</b> , <b>C</b> , <b>N</b> = norma | Il (see sales drawing f   | or detail  | s)  |  |  |  |
|  | ass Hermetic Se<br>26 = non-metalli<br>ass Reinforced E<br>ee sales drawing<br>= glass-reinforce<br>= pin | ass Hermetic Seal Insert (GTMS)<br>26 = non-metallic PEEK FCR,<br>ass Reinforced Epoxy Insert (GRE)<br>2e sales drawing for details)<br>= glass-reinforced PEEK<br>= pin | ass Hermetic Seal Insert (GTMS)<br><b>26</b> = non-metallic PEEK FCR,<br>ass Reinforced Epoxy Insert (GRE)<br>ee sales drawing for details)<br>= glass-reinforced PEEK<br>= pin | ass Hermetic Seal Insert (GTMS)<br><b>26</b> = non-metallic PEEK FCR,<br>ass Reinforced Epoxy Insert (GRE)<br>ee sales drawing for details)<br>= glass-reinforced PEEK | ass Hermetic Seal Insert (GTMS)<br>26 = non-metallic PEEK FCR,<br>ass Reinforced Epoxy Insert (GRE)<br>ee sales drawing for details)<br>= glass-reinforced PEEK<br>= pin | ass Hermetic Seal Insert (GTMS)<br>26 = non-metallic PEEK FCR,<br>ass Reinforced Epoxy Insert (GRE)<br>ee sales drawing for details)<br>= glass-reinforced PEEK<br>= pin |

10K PSI available in smaller shell sizes. Contact factory for details.

#### 700-207 GLASS REINFORCED EPOXY OR GLASS-TO-METAL SEAL INSERT, BULKHEAD CONNECTOR RECEPTACLE (BCR), PEEK



|   | SeaKing PEEK - How To Order   |   |   |  |  |  |  |  |  |  |  |
|---|---|---|---|--|--|--|--|--|--|--|--|
| Sample Part Number                                |   | -207  | -E4   | -K   | Р  | N  |  |  |  |  |  |
| <b>700</b> = SeaKing™                             |   |   |   |  |  |  |  |  |  |  |  |
| Glass Hermetic Se<br>227 = non-metall             |   |   |   |  |  |  |  |  |  |  |  |
| see sales drawing for details)                    |   |   |   |  |  |  |  |  |  |  |  |
| K = glass-reinforce                               | ed PEEK   |   |   | -  |  |  |  |  |  |  |  |
| <b>P</b> = pin                                    |   |   |   |  |  |  |  |  |  |  |  |
| <b>A</b> , <b>B</b> , <b>C</b> , <b>N</b> = norma | al (see sales drawing f   | for detail  | s)  |  |  | -  |  |  |  |  |  |
|   | 700 = SeaKing <sup>™</sup><br>207 = non-metalli<br>Glass Hermetic Se<br>227 = non-metalli<br>Glass Reinforced E<br>(see sales drawing<br>K = glass-reinforce<br>P = pin<br>A, B, C, N = norma | 700 = SeaKing <sup>™</sup><br>207 = non-metallic PEEK BCR,<br>Glass Hermetic Seal Insert (GTMS)<br>227 = non-metallic PEEK BCR,<br>Glass Reinforced Epoxy Insert (GRE)<br>(see sales drawing for details)<br>K = glass-reinforced PEEK<br>P = pin | <ul> <li>700 = SeaKing<sup>™</sup></li> <li>207 = non-metallic PEEK BCR,<br/>Glass Hermetic Seal Insert (GTMS)</li> <li>227 = non-metallic PEEK BCR,<br/>Glass Reinforced Epoxy Insert (GRE)</li> <li>(see sales drawing for details)</li> <li>K = glass-reinforced PEEK</li> <li>P = pin</li> <li>A, B, C, N = normal (see sales drawing for detail</li> </ul> | 700 = SeaKing <sup>™</sup><br>207 = non-metallic PEEK BCR,<br>Glass Hermetic Seal Insert (GTMS)<br>227 = non-metallic PEEK BCR,<br>Glass Reinforced Epoxy Insert (GRE)<br>(see sales drawing for details)<br>K = glass-reinforced PEEK<br>P = pin<br>A, B, C, N = normal (see sales drawing for details) | 700 = SeaKing™         207 = non-metallic PEEK BCR,<br>Glass Hermetic Seal Insert (GTMS)         227 = non-metallic PEEK BCR,<br>Glass Reinforced Epoxy Insert (GRE)         (see sales drawing for details)         K = glass-reinforced PEEK         P = pin         A, B, C, N = normal (see sales drawing for details) | 700 = SeaKing™         207 = non-metallic PEEK BCR,<br>Glass Hermetic Seal Insert (GTMS)         227 = non-metallic PEEK BCR,<br>Glass Reinforced Epoxy Insert (GRE)         (see sales drawing for details)         K = glass-reinforced PEEK         P = pin         A, B, C, N = normal (see sales drawing for details) |  |  |  |  |  |

10K PSI available in smaller shell sizes. Contact factory for details.