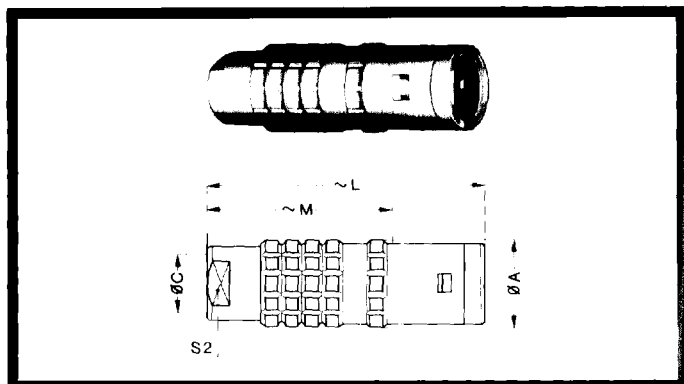


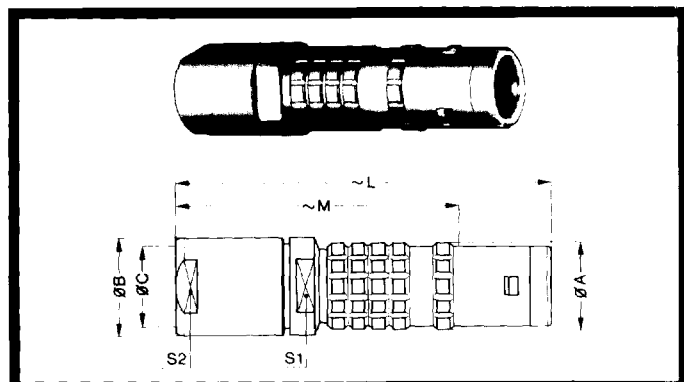
# E Series—Environmental Plugs



## FFA

### Straight plug with cable collet

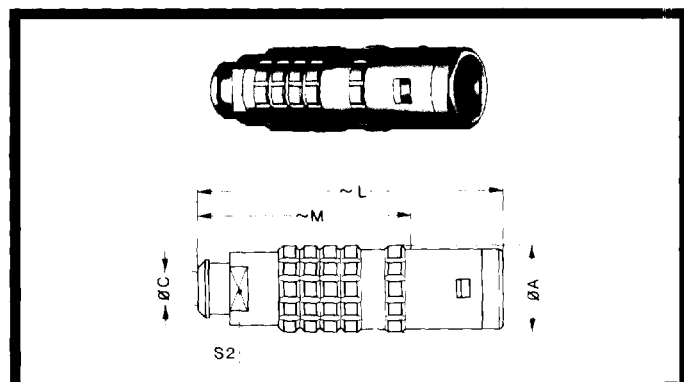
| Series | Dimensions (mm) |      |     |      |      |
|--------|-----------------|------|-----|------|------|
|        | A               | C    | L   | M    | S2   |
| 0E     | 11.0            | 6.2  | 34  | 23.0 | 7.9  |
| 1E     | 13.0            | 7.1  | 42  | 28.0 | 8.9  |
| 2E     | 16.0            | 9.2  | 52  | 36.0 | 11.9 |
| 3E     | 19.0            | 10.5 | 61  | 41.0 | 14.9 |
| 4E     | 25.0            | 14.0 | 71  | 50.5 | 18.9 |
| 5E     | 38.0            | 23.5 | 92  | 67.0 | 31.9 |
| 6E     | 47.0            | 30.0 | 118 | 89.0 | 37.9 |



## FFA

### Straight plug with oversized collet

| Series | Dimensions (mm) |      |      |     |    |      |      |
|--------|-----------------|------|------|-----|----|------|------|
|        | A               | B    | C    | L   | M  | S1   | S2   |
| 1E     | 13              | 14.5 | 9.2  | 55  | 41 | 11.9 | 11.9 |
| 2E     | 16              | 17.0 | 10.5 | 65  | 49 | 14.9 | 14.9 |
| 3E     | 19              | 22.0 | 15.3 | 80  | 60 | 18.9 | 18.9 |
| 4E     | 25              | 36.0 | 23.5 | 105 | 84 | 30.0 | 31.9 |

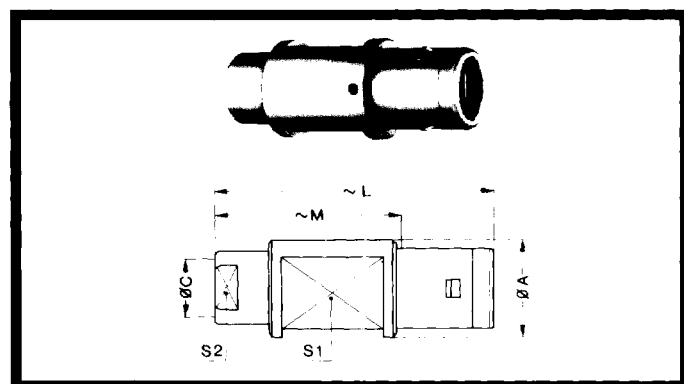


## FFA

### Straight plug with cable collet and backnut to accommodate a strain relief

| Series | Dimensions (mm) |      |    |    |      |
|--------|-----------------|------|----|----|------|
|        | A               | C    | L  | M  | S2   |
| 0E     | 11              | 5.2  | 37 | 26 | 7.0  |
| 1E     | 13              | 7.1  | 45 | 31 | 9.0  |
| 2E     | 16              | 8.7  | 49 | 33 | 11.9 |
| 3E     | 19              | 10.8 | 62 | 42 | 15.0 |

Please see page 65 for strain reliefs.

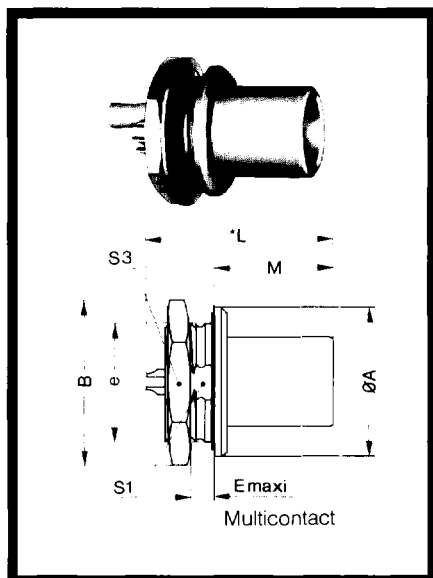


## FZP

### Telemanipulator plug for robotics

| Series | Dimensions (mm) |      |    |      |      |    |      |
|--------|-----------------|------|----|------|------|----|------|
|        | A               | C    | L  | M    | N    | S1 | S2   |
| 1E     | 20              | 7.1  | 42 | 28.0 | 15.0 | 15 | 8.9  |
| 2E     | 22              | 9.2  | 52 | 36.0 | 16.0 | 16 | 11.9 |
| 3E     | 23              | 11.2 | 61 | 41.0 | 20.0 | 19 | 14.9 |
| 4E     | 32              | 15.3 | 71 | 50.5 | 29.0 | 25 | 18.9 |
| 5E     | 44              | 23.5 | 92 | 67.0 | 39.5 | 36 | 31.9 |

# E Series—Environmental Plugs—continued



## FAA

Straight plug non-latching, nut fixing

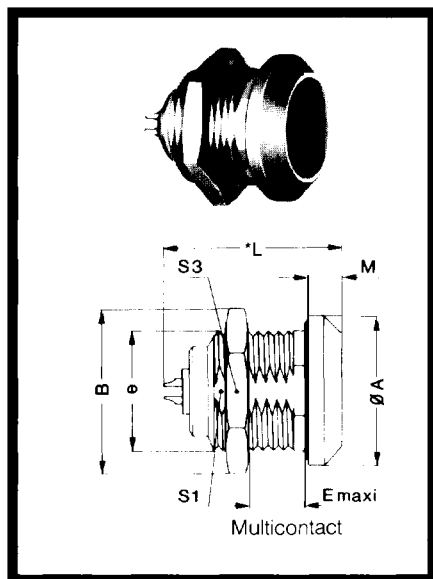
| Series | Dimensions (mm) |      |         |   |    |    |    |    |    |    |      |    |
|--------|-----------------|------|---------|---|----|----|----|----|----|----|------|----|
|        | A               | B    | e       | E | L  | L1 | L2 | L3 | L4 | M  | S1   | S3 |
| 2E     | 25              | 27.5 | M20 × 1 | 4 | 34 | 29 | 25 | 53 | 37 | 18 | 18.5 | 24 |

\*Dimension L may vary depending on contact configuration:

L = multicontact  
 L1 = single contact  
 L2 = coaxial contact  
 L3 = high voltage contact  
 L4 = triaxial contact

For panel cutouts, please see the table on page 63.

# E Series—Receptacles



## ERA

Panel mount receptacle

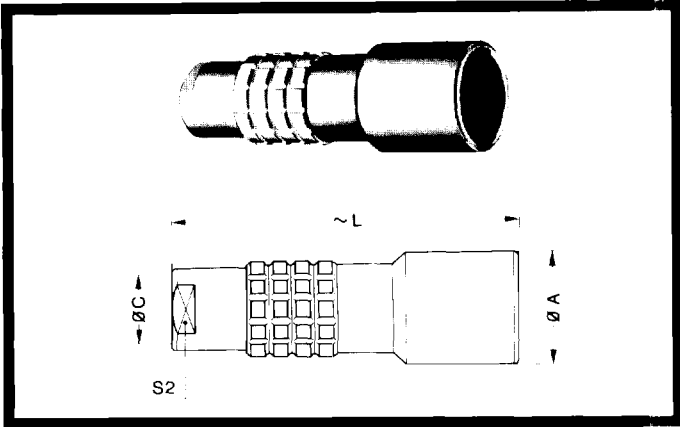
| Series | Dimensions (mm) |      |           |      |      |      |      |      |      |      |      |      |      |    |
|--------|-----------------|------|-----------|------|------|------|------|------|------|------|------|------|------|----|
|        | A               | B    | e         | E    | L    | L1   | L2   | L3   | L4   | L5   | L6   | M    | S1   | S3 |
| 0E     | 18              | 19.5 | M14 × 1.0 | 7.0  | 19.0 | 20.0 | 19.0 | 26.0 | 21.4 | —    | —    | 4.0  | 12.5 | 17 |
| 1E     | 20              | 21.5 | M16 × 1.0 | 9.0  | 26.0 | 25.4 | 20.4 | 36.0 | 27.2 | —    | —    | 4.5  | 14.5 | 19 |
| 2E     | 25              | 27.5 | M20 × 1.0 | 9.0  | 29.0 | 30.0 | 28.8 | 45.8 | 30.3 | —    | —    | 4.0  | 18.5 | 24 |
| 3E     | 31              | 34.5 | M24 × 1.0 | 11.0 | 34.5 | 35.8 | 34.2 | 58.0 | 37.8 | 38.0 | 34.5 | 6.0  | 22.5 | 30 |
| 4E     | 37              | 41.5 | M30 × 1.0 | 9.0  | 35.0 | 39.0 | 37.6 | 59.7 | 41.5 | 42.3 | 37.0 | 6.5  | 28.5 | 36 |
| 5E     | 54              | 54.0 | M45 × 1.5 | 10.0 | 44.5 | 51.7 | 42.5 | —    | —    | 50.0 | 41.7 | 9.0  | 42.5 | 54 |
| 6E     | 65              | 65.0 | M55 × 2.0 | 10.5 | 48.5 | —    | —    | —    | —    | —    | 46.0 | 10.0 | 52.0 | 65 |

\*Dimension L may vary depending on contact configuration:

L = multicontact  
 L1 = single contact  
 L2 = coaxial contact  
 L3 = high voltage contact  
 L4 = triaxial contact  
 L5 = mixed high voltage and low voltage  
 L6 = mixed coax and low voltage

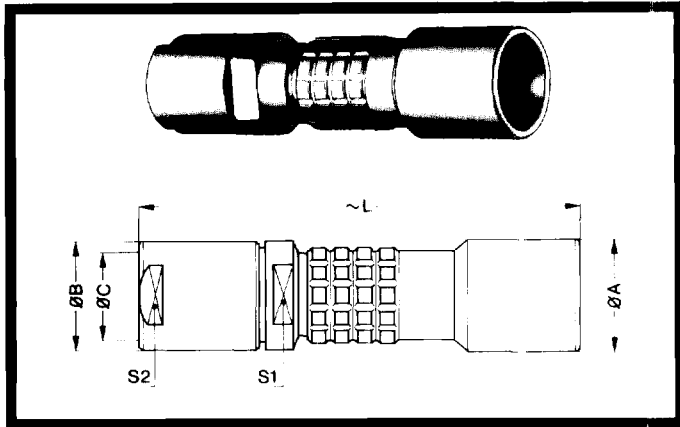
For panel cutouts, please see the table on page 63.

# E Series—Receptacles—continued



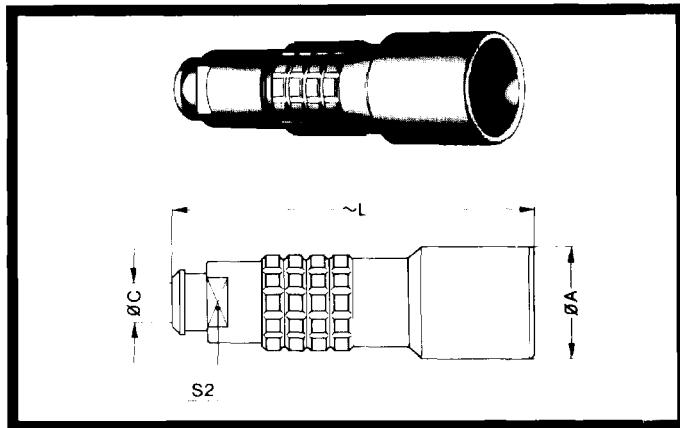
PCA  
Straight receptacle with cable collet

| Series | Dimensions (mm) |      |       |      |
|--------|-----------------|------|-------|------|
|        | A               | C    | L     | S2   |
| 0E     | 13              | 6.2  | 34.0  | 7.9  |
| 1E     | 15              | 7.1  | 45.0  | 8.9  |
| 2E     | 19              | 9.2  | 54.0  | 11.9 |
| 3E     | 23              | 10.5 | 65.0  | 14.9 |
| 4E     | 29              | 14.0 | 75.5  | 18.9 |
| 5E     | 42              | 23.5 | 95.0  | 31.9 |
| 6E     | 52              | 30.0 | 125.0 | 37.9 |



PCA  
Straight receptacle with oversized collet

| Series | Dimensions (mm) |      |      |       |      |      |
|--------|-----------------|------|------|-------|------|------|
|        | A               | B    | C    | L     | S1   | S2   |
| 1E     | 15              | 14.5 | 9.2  | 58.0  | 11.9 | 11.9 |
| 2E     | 19              | 17.0 | 10.5 | 67.0  | 14.9 | 14.9 |
| 3E     | 23              | 22.0 | 14.0 | 86.0  | 18.9 | 18.9 |
| 4E     | 29              | 36.0 | 23.5 | 123.5 | 30.0 | 31.9 |

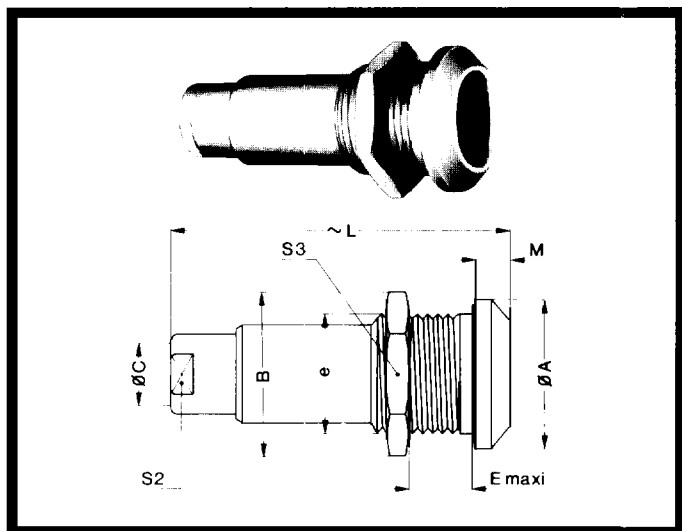


PCA  
Free receptacle with cable collet  
and backnut to accommodate a strain relief

| Series | Dimensions (mm) |      |    |      |
|--------|-----------------|------|----|------|
|        | A               | C    | L  | S2   |
| 0E     | 13              | 6.2  | 37 | 7.0  |
| 1E     | 15              | 7.1  | 48 | 9.0  |
| 2E     | 19              | 9.2  | 57 | 11.9 |
| 3E     | 23              | 10.5 | 66 | 15.0 |

Please see page 65 for strain reliefs.

# E Series—Receptacles—continued

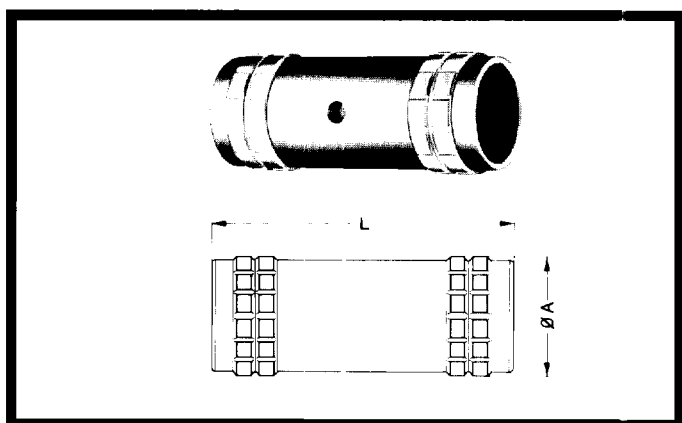


## PSA

### Fixed receptacle with cable collet

| Series | Dimensions (mm) |      |      |           |      |       |      |      |    |
|--------|-----------------|------|------|-----------|------|-------|------|------|----|
|        | A               | B    | C    | e         | E    | L     | M    | S2   | S3 |
| 0E     | 18              | 19.5 | 6.2  | M14 × 1.0 | 7.0  | 34.0  | 4.0  | 7.9  | 17 |
| 1E     | 20              | 21.5 | 7.1  | M16 × 1.0 | 9.0  | 45.0  | 4.5  | 8.9  | 19 |
| 2E     | 25              | 27.5 | 9.2  | M20 × 1.0 | 9.0  | 54.0  | 5.0  | 11.9 | 24 |
| 3E     | 31              | 34.5 | 10.5 | M24 × 1.0 | 11.0 | 65.0  | 6.0  | 14.9 | 30 |
| 4E     | 37              | 41.5 | 14.0 | M30 × 1.0 | 9.0  | 75.5  | 6.5  | 18.9 | 36 |
| 5E     | 54              | 54.0 | 23.5 | M45 × 1.5 | 10.0 | 95.0  | 9.0  | 31.9 | 54 |
| 6E     | 65              | 65.0 | 30.0 | M55 × 2.0 | 10.5 | 125.0 | 10.0 | 37.9 | 65 |

For panel cutouts, please see the table on page 63.



## RMA

### Free coupler

| Series | Types          |         |              |          |              | Dimensions (mm) |    |    |
|--------|----------------|---------|--------------|----------|--------------|-----------------|----|----|
|        | Single contact | Coaxial | Multicontact | Triaxial | High Tension |                 |    |    |
| 0E     |                | ●       | ●            |          | ●            | 14              | 30 | 39 |
| 1E     |                | ●       | ●            | ●        |              | 16              | 40 | 53 |
| 2E     | ●              | ●       | ●            |          | ●            | 20              | 44 | 54 |
| 3E     |                | ●       | ●            |          |              | 25              | 54 | 75 |
| 4E     |                | ●       | ●            |          | ●            | 30              | 57 | 75 |
| 5E     |                |         | ●            |          |              | 44              | 67 | 96 |