

# VARIOCON

## Sleeve Housings

VARIOCON sleeve housings are available in four designs in plastic, metal powder-coated and EMC metal-coated.

There is no need for a panel mounting base with standard panel feed-throughs. VARIOCON sleeve housings form a seal directly on the mounting panel using two locking screws. This locking method saves space, can be accessed easily from above, resists vibration and fulfills the requirements of IP 67/IP 69k protection.

The screws with either a cylinder or knurled head can be screwed in or out with a standard Philips screwdriver or by hand (no tools).

The shape of the housing has a user-friendly design and is fitted with a large marker label. The angled cable exit means the cable can be routed as desired, from the side and straight.

The metal housings are equipped with a PG 16 resp. PG 21 cable entry.

The metal housings are also optionally available with M 20 or M 25 cable entry.



### Type description

|                                         |    |   |   |   |   |   |   |   |   |       |
|-----------------------------------------|----|---|---|---|---|---|---|---|---|-------|
|                                         | VC | - | K | - | T | 1 | - | Z | - | PG 16 |
| VARIOCON                                |    |   |   |   |   |   |   |   |   |       |
| K = Plastic                             |    |   |   |   |   |   |   |   |   |       |
| MP = Metal, Powder coating              |    |   |   |   |   |   |   |   |   |       |
| MEMV = Metal, EMC coating               |    |   |   |   |   |   |   |   |   |       |
| T = Sleeve housing                      |    |   |   |   |   |   |   |   |   |       |
| Housing type                            |    |   |   |   |   |   |   |   |   |       |
| Z = Locking screw with cylinder head    |    |   |   |   |   |   |   |   |   |       |
| R = Locking screw with knurled head     |    |   |   |   |   |   |   |   |   |       |
| PG 16 = PG thread (PG 16 / PG 21)       |    |   |   |   |   |   |   |   |   |       |
| M 20 = metric cable entry (M 20 / M 25) |    |   |   |   |   |   |   |   |   |       |

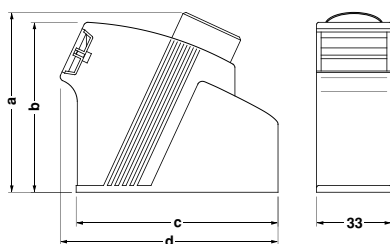
# VARIOCON

## Sleeve Housing in Plastic, with PG Support



| Description                                                                               | Type | Cable gland  | Type                  | Order No.  | Pcs./Pkt. |
|-------------------------------------------------------------------------------------------|------|--------------|-----------------------|------------|-----------|
| <b>Sleeve housing,</b><br>locking screws with <b>cylinder head</b>                        | 1    | PG 16        | VC-K-T1-Z             | 18 52 93 0 | 5         |
|                                                                                           | 2    | PG 21        | VC-K-T2-Z             | 18 52 94 3 |           |
|                                                                                           | 3    | PG 21        | VC-K-T3-Z             | 18 52 95 6 |           |
|                                                                                           | 4    | PG 21        | VC-K-T4-Z             | 18 52 96 9 |           |
| <b>Sleeve housing,</b><br>locking screws with <b>knurled head</b>                         | 1    | PG 16        | VC-K-T1-R             | 18 55 09 2 | 5         |
|                                                                                           | 2    | PG 21        | VC-K-T2-R             | 18 55 10 2 |           |
|                                                                                           | 3    | PG 21        | VC-K-T3-R             | 18 55 11 5 |           |
|                                                                                           | 4    | PG 21        | VC-K-T4-R             | 18 55 12 8 |           |
| <b>Accessories</b>                                                                        |      |              |                       |            |           |
| <b>Marker labels,</b><br>5-section, unprinted, can be labeled with M-PEN<br>or CMS system |      | color: white | VC-BZS WH             | 18 52 87 5 | 5         |
| <b>Technical data</b>                                                                     |      |              |                       |            |           |
| <b>Housing material</b>                                                                   |      |              | PA (UL 94 / V0)       |            |           |
| <b>Sealing material</b>                                                                   |      |              | santoprene            |            |           |
| <b>Locking screws</b>                                                                     |      |              | high-grade steel, V4A |            |           |

| Sleeve housings |            | Dimensions [mm] |      |     |     |
|-----------------|------------|-----------------|------|-----|-----|
| Type            | Width [mm] | a               | b    | c   | d   |
| 1               | 33         | 65              | 65   | 59  | 66  |
| 2               | 33         | 75              | 75   | 74  | 81  |
| 3               | 33         | 79.3            | 74.9 | 89  | 96  |
| 4               | 33         | 76.3            | 75   | 104 | 111 |



Dimensions: VC-K-T...

# VARIOCON

## Sleeve Housing with Powder Coating, with PG Support



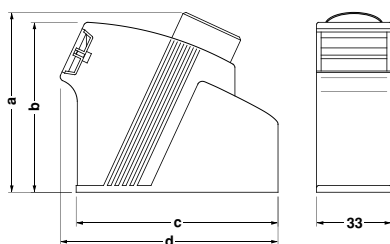
| Description                                                                               | Type | Cable gland  | Type       | Order No.  | Pcs./Pkt. |
|-------------------------------------------------------------------------------------------|------|--------------|------------|------------|-----------|
| <b>Sleeve housing,</b><br>locking screws with <b>cylinder head</b>                        | 1    | PG 16        | VC-MP-T1-Z | 18 84 89 8 | 5         |
|                                                                                           | 2    | PG 21        | VC-MP-T2-Z | 18 84 90 8 |           |
|                                                                                           | 3    | PG 21        | VC-MP-T3-Z | 18 84 91 1 |           |
|                                                                                           | 4    | PG 21        | VC-MP-T4-Z | 18 84 92 4 |           |
| <b>Sleeve housing,</b><br>locking screws with <b>knurled head</b>                         | 1    | PG 16        | VC-MP-T1-R | 18 55 53 9 | 5         |
|                                                                                           | 2    | PG 21        | VC-MP-T2-R | 18 55 54 2 |           |
|                                                                                           | 3    | PG 21        | VC-MP-T3-R | 18 55 55 5 |           |
|                                                                                           | 4    | PG 21        | VC-MP-T4-R | 18 55 56 8 |           |
| <b>Accessories</b>                                                                        |      |              |            |            |           |
| <b>Marker labels,</b><br>5-section, unprinted, can be labeled with M-PEN<br>or CMS system |      | color: white | VC-BZS WH  | 18 52 87 5 | 5         |

### Technical data

**Housing material**  
**Housing surface**  
**Sealing material**  
**Locking screws**

zinc die-cast  
powder coating  
santoprene  
brass, nickel-plated

| Sleeve Housings |            | Dimensions [mm] |      |     |     |
|-----------------|------------|-----------------|------|-----|-----|
| Type            | Width [mm] | a               | b    | c   | d   |
| 1               | 33         | 65              | 65   | 59  | 66  |
| 2               | 33         | 75              | 75   | 74  | 81  |
| 3               | 33         | 79.3            | 74.9 | 89  | 96  |
| 4               | 33         | 76.3            | 75   | 104 | 111 |



Dimensions: VC-MP-T...

# VARIOCON

## Sleeve Housing with EMC Coating, Conductive Seal and PG Support



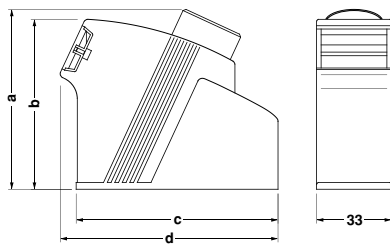
| Description                                                                               | Type | Cable gland  | Type         | Order No.  | Pcs./Pkt. |
|-------------------------------------------------------------------------------------------|------|--------------|--------------|------------|-----------|
| <b>Sleeve housing,</b><br>locking screws with <b>cylinder head</b>                        | 1    | PG 16        | VC-MEMV-T1-Z | 18 53 32 4 | 5         |
|                                                                                           | 2    | PG 21        | VC-MEMV-T2-Z | 18 53 33 7 |           |
|                                                                                           | 3    | PG 21        | VC-MEMV-T3-Z | 18 53 34 0 |           |
|                                                                                           | 4    | PG 21        | VC-MEMV-T4-Z | 18 53 35 3 |           |
| <b>Sleeve housing,</b><br>locking screws with <b>knurled head</b>                         | 1    | PG 16        | VC-MEMV-T1-R | 18 55 13 1 | 5         |
|                                                                                           | 2    | PG 21        | VC-MEMV-T2-R | 18 55 14 4 |           |
|                                                                                           | 3    | PG 21        | VC-MEMV-T3-R | 18 55 15 7 |           |
|                                                                                           | 4    | PG 21        | VC-MEMV-T4-R | 18 55 16 0 |           |
| <b>Accessories</b>                                                                        |      |              |              |            |           |
| <b>Marker labels,</b><br>5-section, unprinted, can be labeled with M-PEN<br>or CMS system |      | color: white | VC-BZS WH    | 18 52 87 5 | 5         |

### Technical data

**Housing material**  
**Housing surface**  
**Sealing material**  
**Locking screws**

zinc die-cast  
copper-nickel coating  
santoprene / conductive  
brass, nickel-plated

| Sleeve housings |            | Dimensions [mm] |      |     |     |
|-----------------|------------|-----------------|------|-----|-----|
| Type            | Width [mm] | a               | b    | c   | d   |
| 1               | 33         | 65              | 65   | 59  | 66  |
| 2               | 33         | 75              | 75   | 74  | 81  |
| 3               | 33         | 79.3            | 74.9 | 89  | 96  |
| 4               | 33         | 76.3            | 75   | 104 | 111 |



Dimensions: VC-MEMV-T...

# VARIOCON

## Sleeve Housing with Powder Coating and Metric Cable Entry



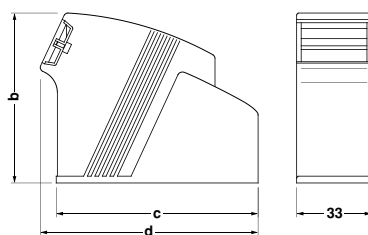
| Description                                                                               | Type | Cable gland  | Type           | Order No.  | Pcs./Pkt. |
|-------------------------------------------------------------------------------------------|------|--------------|----------------|------------|-----------|
| <b>Sleeve housing,</b><br>locking screws with <b>cylinder head</b>                        | 1    | M 20         | VC-MP-T1-Z-M20 | 18 86 67 6 | 5         |
|                                                                                           | 2    | M 25         | VC-MP-T2-Z-M25 | 18 86 68 9 |           |
|                                                                                           | 3    | M 25         | VC-MP-T3-Z-M25 | 18 86 69 2 |           |
|                                                                                           | 4    | M 25         | VC-MP-T4-Z-M25 | 18 86 70 2 |           |
| <b>Sleeve housing,</b><br>locking screws with <b>knurled head</b>                         | 1    | M 20         | VC-MP-T1-R-M20 | 18 86 63 4 | 5         |
|                                                                                           | 2    | M 25         | VC-MP-T2-R-M25 | 18 86 64 7 |           |
|                                                                                           | 3    | M 25         | VC-MP-T3-R-M25 | 18 86 65 0 |           |
|                                                                                           | 4    | M 25         | VC-MP-T4-R-M25 | 18 86 66 3 |           |
| <b>Accessories</b>                                                                        |      |              |                |            |           |
| <b>Marker labels,</b><br>5-section, unprinted, can be labeled with M-PEN<br>or CMS system |      | color: white | VC-BZS WH      | 18 52 87 5 | 5         |

### Technical data

**Housing material**  
**Housing surface**  
**Sealing material**  
**Locking screws**

zinc die-cast  
powder coating  
santoprene  
brass, nickel-plated

| Sleeve housings |            | Dimensions [mm] |     |     |
|-----------------|------------|-----------------|-----|-----|
| Type            | Width [mm] | b               | c   | d   |
| 1               | 33         | 65              | 59  | 66  |
| 2               | 33         | 75              | 74  | 81  |
| 3               | 33         | 74.9            | 89  | 96  |
| 4               | 33         | 75              | 104 | 111 |



Dimensions: VC-MP-T...M...

# VARIOCON

## Sleeve Housing with EMC Coating, Conductive Seal and Metric Cable Entry



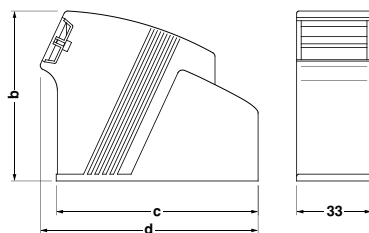
| Description                                                                               | Type | Cable gland  | Type             | Order No.  | Pcs./Pkt. |
|-------------------------------------------------------------------------------------------|------|--------------|------------------|------------|-----------|
| <b>Sleeve housing,</b><br>locking screws with <b>cylinder head</b>                        | 1    | M 20         | VC-MEMV-T1-Z-M20 | 18 86 55 3 | 5         |
|                                                                                           | 2    | M 25         | VC-MEMV-T2-Z-M25 | 18 86 56 6 |           |
|                                                                                           | 3    | M 25         | VC-MEMV-T3-Z-M25 | 18 86 57 9 |           |
|                                                                                           | 4    | M 25         | VC-MEMV-T4-Z-M25 | 18 86 58 2 |           |
| <b>Sleeve housing,</b><br>locking screws with <b>knurled head</b>                         | 1    | M 20         | VC-MEMV-T1-R-M20 | 18 86 59 5 | 5         |
|                                                                                           | 2    | M 25         | VC-MEMV-T2-R-M25 | 18 86 60 5 |           |
|                                                                                           | 3    | M 25         | VC-MEMV-T3-R-M25 | 18 86 61 8 |           |
|                                                                                           | 4    | M 25         | VC-MEMV-T4-R-M25 | 18 86 62 1 |           |
| <b>Accessories</b>                                                                        |      |              |                  |            |           |
| <b>Marker labels,</b><br>5-section, unprinted, can be labeled with M-PEN<br>or CMS system |      | color: white | VC-BZS WH        | 18 52 87 5 | 5         |

### Technical data

**Housing material**  
**Housing surface**  
**Sealing material**  
**Locking screws**

zinc die-cast  
copper-nickel coating  
santoprene / conductive  
brass, nickel-plated

| Sleeve housings |            | Dimensions [mm] |     |     |
|-----------------|------------|-----------------|-----|-----|
| Type            | Width [mm] | b               | c   | d   |
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| 2               | 33         | 75              | 74  | 81  |
| 3               | 33         | 74.9            | 89  | 96  |
| 4               | 33         | 75              | 104 | 111 |



Dimensions: VC-MEMV-T...M...