

# VC-AL-T1-Z-M20-S - Sleeve housing



1583597

<https://www.phoenixcontact.com/pc/products/1583597>

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Aluminum die-cast sleeve housing, with grommet, locking screws with cylinder head, for a metric M20 cable gland, angled cable outlet, type VC1

## Commercial data

|                                      |                    |
|--------------------------------------|--------------------|
| Item number                          | 1583597            |
| Packing unit                         | 5 pc               |
| Minimum order quantity               | 1 pc               |
| Product key                          | ABLAAX             |
| Catalog page                         | Page 34 (C-2-2013) |
| GTIN                                 | 4046356183222      |
| Weight per piece (including packing) | 149.32 g           |
| Weight per piece (excluding packing) | 149.32 g           |
| Customs tariff number                | 85389099           |
| Country of origin                    | PL                 |

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## Technical data

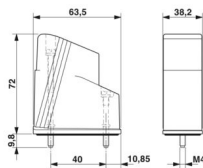
### Notes

|         |                                                                                         |
|---------|-----------------------------------------------------------------------------------------|
| General | When using fiber optics, the bending radii of the cable manufacturers must be observed. |
|---------|-----------------------------------------------------------------------------------------|

### Product properties

|                              |                 |
|------------------------------|-----------------|
| Product type                 | Sleeve housings |
| Product family               | VARIOCON        |
| Type                         | VC1             |
| No. of cable outlets         | 1               |
| Type of the screw connection | M20 x 1.5       |
| Fixing screws                | M4              |
| Shielded                     | no              |
| Cable outlet                 | angled          |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Height              | 72 mm                                                                                |

### Material specifications

|                                        |                   |
|----------------------------------------|-------------------|
| Color                                  | gray aluminum     |
| Flammability rating according to UL 94 | V0                |
| Seal material                          | NBR, conductive   |
| Housing material                       | Die-cast aluminum |
| O-ring material                        | NBR               |
| Material of locking screw              | V2A               |

### Mechanical properties

#### Mechanical data

|                              |           |
|------------------------------|-----------|
| Type of the screw connection | M20 x 1.5 |
| Locking type                 | Screw     |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP65              |
| Ambient temperature (operation) | -40 °C ... 125 °C |

### Mounting

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|               |    |
|---------------|----|
| Fixing screws | M4 |
|---------------|----|

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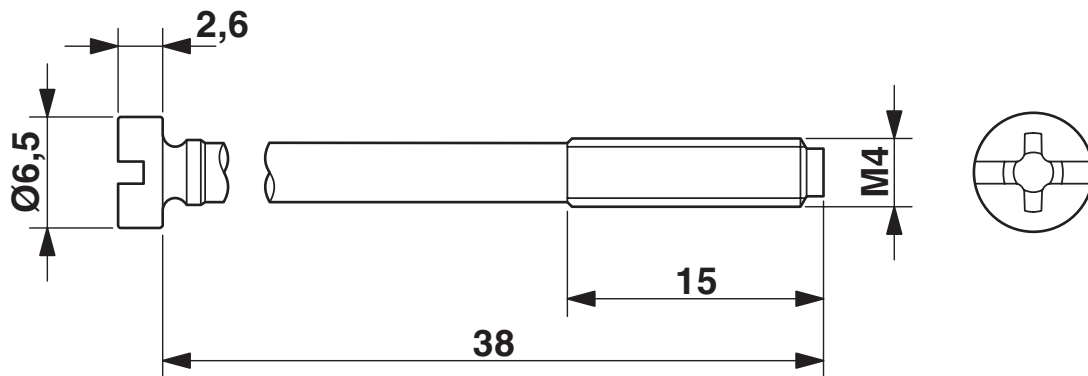
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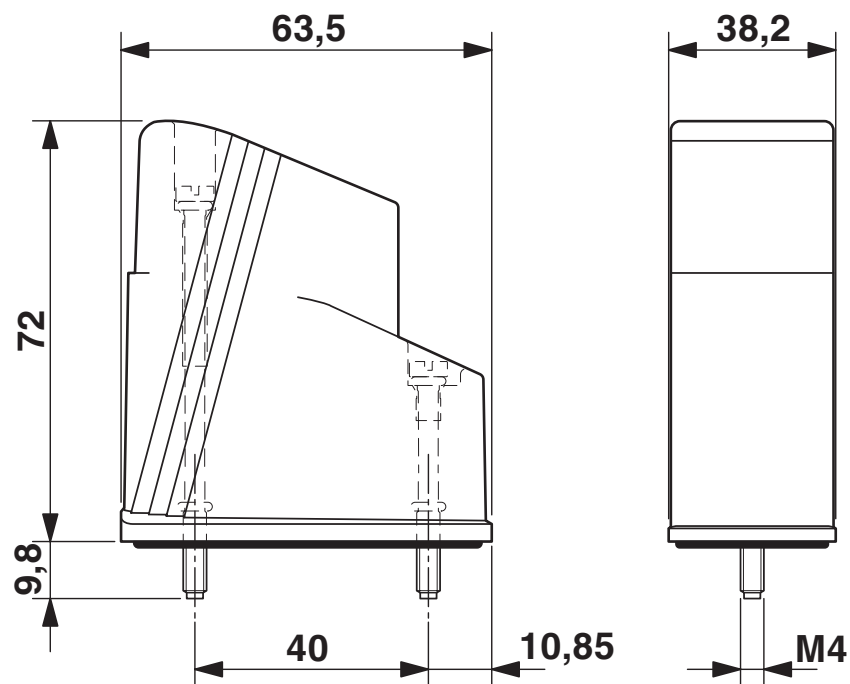


## Drawings

Dimensional drawing



Dimensional drawing



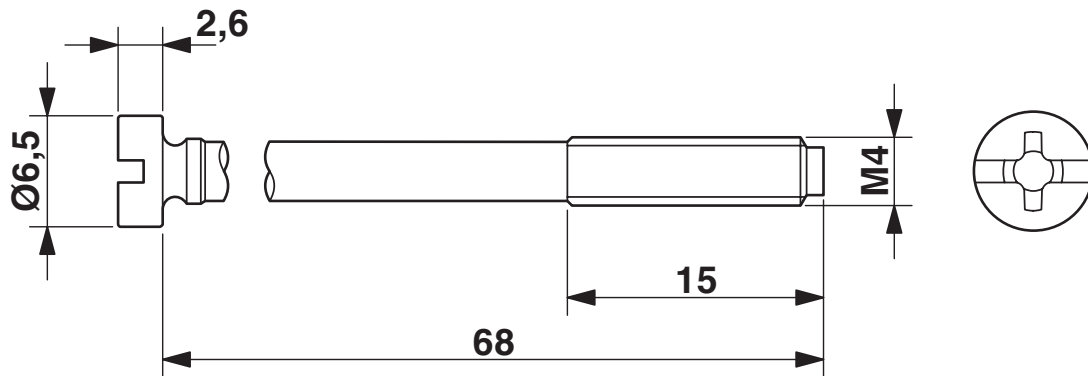
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Dimensional drawing



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## Environmental product compliance

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| EU RoHS                                 |                                          |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
| China RoHS                              |                                          |
| Environment friendly use period (EFUP)  | EFUP-E                                   |
|                                         | No hazardous substances above the limits |
| EU REACH SVHC                           |                                          |
| REACH candidate substance (CAS No.)     | No substance above 0.1 wt%               |

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