

Transipillars, a rugged insulated mounting system



Transipillars  
Style 1



Transipillars  
Style 2



Transipillars  
Style 3

See below:

[Approvals and Compliances](#)

### Description

- Versatile and rugged insulation mounting system
- Various combination of stud and insert
- Metric threads and lengths
- Studs and inserts moulded into nylon pyllar
- Body hexagonal or cylindric
- custom specific versions on request

### Technical Data

|                                 |   |                    |                           |
|---------------------------------|---|--------------------|---------------------------|
| Material                        | Stud threads - steel zinc plated BS class 5G Insert threads - plain brass BS class 6H Body - nylon 66, UL 94V-2 | Storage Conditions | 0°C to 40°C max. 70% r.h. |
| Dielectric Strength             | > 11 kVDC   |                    |                           |
| Insulation Resistance           | > 10000 MΩ @ 500 VDC ( min thickness 1mm)   |                    |                           |
| Allowable Operation Temperature | -20 °C to +80 °C  |                    |                           |

### Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.



### Application standards

Application standards where the product can be used

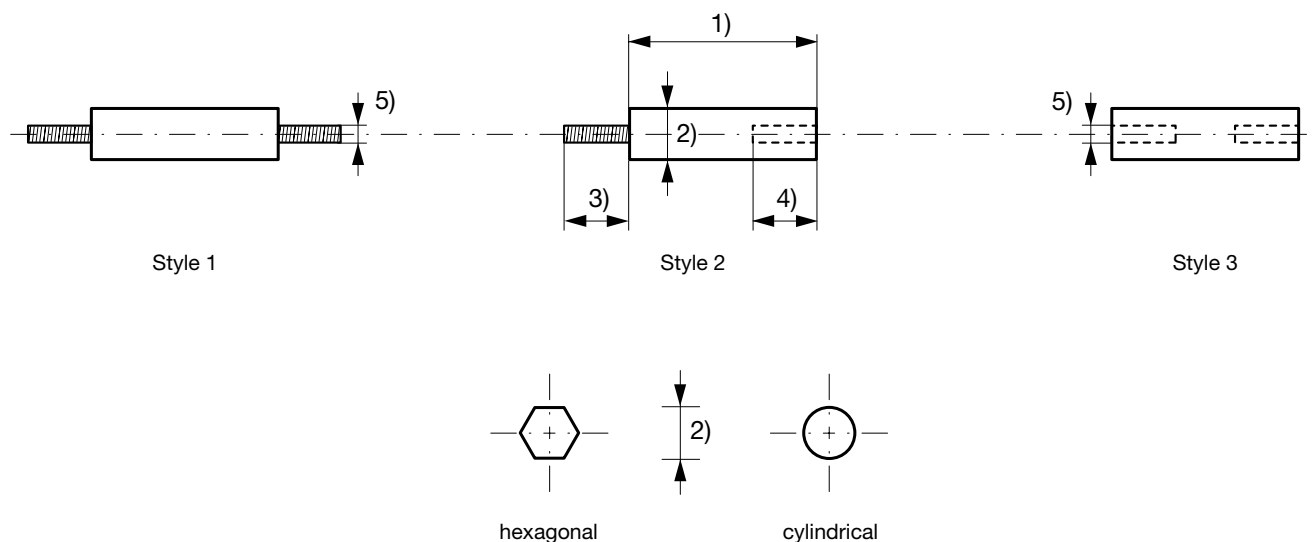
| Organization  | Design                         | Standard       | Description   |
|---|--------------------------------|----------------|---|
|  | Suitable for applications acc. | IEC/UL 62368-1 | Audio/video, information and communication technology equipment - Part 1: Safety requirements |

### Compliances

The product complies with following Guide Lines

| Identification  | Details | Initiator   | Description   |
|---|---------|-------------|---|
|  | RoHS    | SCHURTER AG | Directive RoHS 2011/65/EU, Amendment (EU) 2015/863  |
|  | REACH   | SCHURTER AG | On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force. |

## Dimensions [mm]



- 1) Length
- 2) Diameter
- 3) Stud length
- 4) Insert depth
- 5) Thread size

## All Variants

| Style | Length [mm] | Form        | Thread size | Diameter [mm] | Stud length [mm] | Insert depth [mm] | Order Number |
|-------|-------------|-------------|-------------|---------------|------------------|-------------------|--------------|
| 1     | 13          | cylindrical | M3          | 7             | 6.5              | -                 | 9831.3100    |
| 1     | 13          | hexagonal   | M3          | 7             | 6.5              | -                 | 9631.3100    |
| 1     | 22          | cylindrical | M4          | 9.5           | 9.5              | -                 | 9842.2100    |
| 1     | 22          | cylindrical | M5          | 12.5          | 12.5             | -                 | 9852.2100    |
| 1     | 22          | hexagonal   | M4          | 10            | 9.5              | -                 | 9642.2100    |
| 1     | 22          | hexagonal   | M5          | 13            | 12.5             | -                 | 9652.2100    |
| 1     | 25          | cylindrical | M3          | 7             | 6.5              | -                 | 9832.5100    |
| 1     | 25          | hexagonal   | M3          | 7             | 6.5              | -                 | 9632.5100    |
| 1     | 32          | cylindrical | M6          | 16            | 12.5             | -                 | 9863.2100    |
| 1     | 32          | hexagonal   | M6          | 16            | 12.5             | -                 | 9663.2100    |
| 1     | 38          | cylindrical | M5          | 12.5          | 12.5             | -                 | 9853.8100    |
| 1     | 38          | cylindrical | M6          | 16            | 12.5             | -                 | 9863.8100    |
| 2     | 13          | cylindrical | M3          | 7             | 6.5              | 4.5               | 9831.3200    |
| 2     | 13          | hexagonal   | M3          | 7             | 6.5              | 4.5               | 9631.3200    |
| 2     | 16          | cylindrical | M4          | 9.5           | 9.5              | 6.5               | 9841.6200    |
| 2     | 16          | hexagonal   | M4          | 10            | 9.5              | 6.5               | 9641.6200    |
| 2     | 22          | cylindrical | M5          | 12.5          | 12.5             | 8                 | 9852.2200    |
| 2     | 22          | hexagonal   | M5          | 13            | 12.5             | 8                 | 9652.2200    |
| 2     | 25          | cylindrical | M3          | 7             | 6.5              | 4.5               | 9832.5200    |
| 2     | 25          | cylindrical | M4          | 9.5           | 9.5              | 6.5               | 9842.5200    |
| 2     | 25          | cylindrical | M5          | 12.5          | 12.5             | 8                 | 9852.5200    |
| 2     | 25          | hexagonal   | M3          | 7             | 6.5              | 4.5               | 9632.5200    |
| 2     | 25          | hexagonal   | M4          | 10            | 9.5              | 6.5               | 9642.5200    |
| 2     | 25          | hexagonal   | M5          | 13            | 12.5             | 8                 | 9652.5200    |
| 2     | 32          | cylindrical | M4          | 9.5           | 9.5              | 6.5               | 9843.2200    |
| 2     | 32          | cylindrical | M6          | 16            | 12.5             | 12.5              | 9863.2200    |
| 2     | 32          | hexagonal   | M6          | 16            | 12.5             | 12.5              | 9663.2200    |
| 2     | 38          | cylindrical | M4          | 9.5           | 9.5              | 6.5               | 9843.8200    |

| Style | Length [mm] | Form        | Thread size | Diameter [mm] | Stud length [mm] | Insert depth [mm] | Order Number |  |
|-------|-------------|-------------|-------------|---------------|------------------|-------------------|--------------|--|
| 2     | 38          | cylindrical | M5          | 12.5          | 12.5             | 8                 | 9853.8200    |  |
| 2     | 38          | cylindrical | M6          | 16            | 12.5             | 12.5              | 9863.8200    |  |
| 2     | 38          | hexagonal   | M4          | 10            | 9.5              | 6.5               | 9643.8200    |  |
| 2     | 38          | hexagonal   | M5          | 13            | 12.5             | 8                 | 9653.8200    |  |
| 2     | 38          | hexagonal   | M6          | 16            | 12.5             | 12.5              | 9663.8200    |  |
| 2     | 45.0        | cylindrical | M5          | 12.5          | 12.5             | 8                 | 9854.5200    |  |
| 2     | 45.0        | hexagonal   | M5          | 13            | 12.5             | 8                 | 9654.5200    |  |
| 2     | 51          | cylindrical | M5          | 12.5          | 12.5             | 8                 | 9855.1200    |  |
| 2     | 51          | cylindrical | M6          | 16            | 12.5             | 12.5              | 9865.1200    |  |
| 2     | 51          | hexagonal   | M5          | 13            | 12.5             | 8                 | 9655.1200    |  |
| 2     | 51          | hexagonal   | M6          | 16            | 12.5             | 12.5              | 9665.1200    |  |
| 2     | 64          | cylindrical | M6          | 16            | 12.5             | 12.5              | 9866.4200    |  |
| 3     | 13          | cylindrical | M3          | 7             | -                | 4.5               | 9831.3300    |  |
| 3     | 13          | hexagonal   | M3          | 7             | -                | 4.5               | 9631.3300    |  |
| 3     | 16          | cylindrical | M3          | 7             | -                | 4.5               | 9831.6300    |  |
| 3     | 16          | cylindrical | M4          | 9.5           | -                | 6.5               | 9841.6300    |  |
| 3     | 16          | hexagonal   | M4          | 10            | -                | 6.5               | 9641.6300    |  |
| 3     | 19          | cylindrical | M3          | 7             | -                | 4.5               | 9831.9300    |  |
| 3     | 19          | cylindrical | M4          | 9.5           | -                | 6.5               | 9841.9300    |  |
| 3     | 19          | hexagonal   | M4          | 10            | -                | 6.5               | 9641.9300    |  |
| 3     | 22          | cylindrical | M5          | 12.5          | -                | 8                 | 9852.2300    |  |
| 3     | 22          | hexagonal   | M5          | 13            | -                | 8                 | 9652.2300    |  |
| 3     | 25          | cylindrical | M3          | 7             | -                | 4.5               | 9832.5300    |  |
| 3     | 25          | cylindrical | M4          | 9.5           | -                | 6.5               | 9842.5300    |  |
| 3     | 25          | hexagonal   | M3          | 7             | -                | 4.5               | 9632.5300    |  |
| 3     | 25          | hexagonal   | M4          | 10            | -                | 6.5               | 9642.5300    |  |
| 3     | 32          | cylindrical | M3          | 7             | -                | 4.5               | 9833.2300    |  |
| 3     | 32          | cylindrical | M6          | 16            | -                | 12.5              | 9863.2300    |  |
| 3     | 32          | hexagonal   | M3          | 7             | -                | 4.5               | 9633.2300    |  |
| 3     | 32          | hexagonal   | M6          | 16            | -                | 12.5              | 9663.2300    |  |
| 3     | 38          | cylindrical | M3          | 7             | -                | 4.5               | 9833.8300    |  |
| 3     | 38          | hexagonal   | M3          | 7             | -                | 4.5               | 9633.8300    |  |
| 3     | 51          | cylindrical | M4          | 12.5          | -                | 6.5               | 9690.0100    |  |
| 3     | 51          | cylindrical | M6          | 16            | -                | 12.5              | 9865.1300    |  |
| 3     | 51          | hexagonal   | M4          | 10            | -                | 6.5               | 9645.1300    |  |
| 3     | 51          | hexagonal   | M6          | 16            | -                | 12.5              | 9665.1300    |  |
| 3     | 64          | cylindrical | M5          | 12.5          | -                | 8                 | 9856.4300    |  |
| 3     | 64          | hexagonal   | M4          | 10            | -                | 6.5               | 9646.4300    |  |
| 3     | 64          | hexagonal   | M5          | 13            | -                | 8                 | 9656.4300    |  |

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