

KVT

Split Cable Glands



1

Product Description

KVT is a circular split frame for quick and easy installation and sealing of cables or complete cable harnesses.

Polyamide locknuts are included in the shipment.

For routing D-Sub, DVI or PROFIBUS connectors in combination with the split cable glands KVT, special locknuts with cut-outs are required.

Locknuts

Locknuts with special cut-outs are available separately. The cut-out dimensions are listed on page 158.



KGM-SUB-D9 fits D-Sub 9 connectors
(Required wall cut-out: Ø 36 mm, PU: 10)
■ Order No. 45105 ■ Order No. 45106

KGM-PB fits DVI and PROFIBUS connectors
(Required wall cut-out: Ø 42 mm, PU: 10)
■ Order No. 45107 ■ Order No. 45109

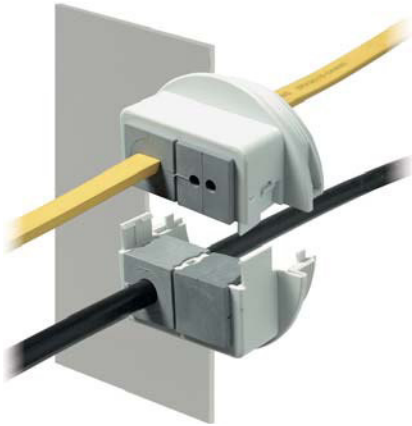
KGM-SUB-D25 fits SUB-D25 connectors
(Required wall cut-out: Ø 50 mm, PU: 10)
■ Order No. 45108 ■ Order No. 45110

| Description | Type | Order No. | Grommets small large | Thread Thread length | PU |
|-------------|---------------------|--------------------|------------------------|----------------------------|----|
| | KVT 20** | ■ 45034 ■ 45024 | 1 - | M20 × 1.5 Length: 14 mm | 10 |
| | KVT 25*** | ■ 45035 ■ 45025 | 1 - | M25 × 1.5 Length: 14 mm | 10 |
| | KVT 32 | ■ 45036 ■ 45026 | 1 - | M32 × 1.5 Length: 14 mm | 10 |
| | KVT 32 + KGM-SUB-D9 | ■ 45037 ■ 45027 | 1 - | M32 × 1.5 Length: 14 mm | 10 |
| | KVT 40 | ■ 45203 ■ 45028 | 1 - | M40 × 1.5 Length: 14 mm | 10 |
| | KVT 40 + KGM-PB | ■ 45205 ■ 45029 | 1 - | M40 × 1.5 Length: 14 mm | 10 |



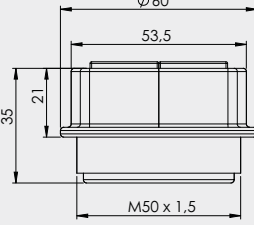




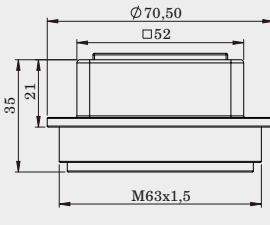


* Only valid for gray product types

** Max. cable diameter of 11 mm | *** Max. cable diameter of 15 mm

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| Type | Order No. | Grommets small large | Thread Thread length | PU | Description |
|------|-----------|------------------------|----------------------|----|-------------|
|------|-----------|------------------------|----------------------|----|-------------|

| | | | | | |
|------------------------|--|-----|----------------------------|---|---|
| KVT 50 2 |  45204  45030 | 2 - | M50 × 1.5 Length: 14 mm | 5 |  |
| KVT 50 2 + KGM-SUB-D25 |  45206  45031 | 2 - | M50 × 1.5 Length: 14 mm | 5 | |
| KVT 63 1 |  45212  45112 | - 1 | M63 × 1.5 Length: 14 mm | 5 |  |
| KVT 63 4 |  45215  45115 | 4 - | M63 × 1.5 Length: 14 mm | 5 | |



* Only valid for gray product types

Advantages

- Insertion of pre-terminated cables
- Warranty on pre-terminated cables remains
- Retrofitting and maintenance can be carried out easily and quickly
- High packing density, wide variety of grommets
- Suitable for standard or metric cut-outs
- Polyamide locknuts are included in the shipment



Specifications

| | |
|-------------------|--|
| Material | Polycarbonate (PC) |
| Color |  gray (similar RAL 7035)  black |
| Flame class | UL94-V0, self-extinguishing |
| Protection class | IP54, with gasket and correct selection of the cable grommets (certified according to DIN EN 60529:2000-09) |
| Temperature | - 30°C to + 100°C (static) |
| Properties | Halogen free, silicone free |
| Cut-out dimension | Metric standard sizes |

Accessories

| | |
|-------------------|---------|
| KT Cable grommets | 38 - 42 |
| KVT-EMC Brackets | 121 |
| Locknuts | 158 |