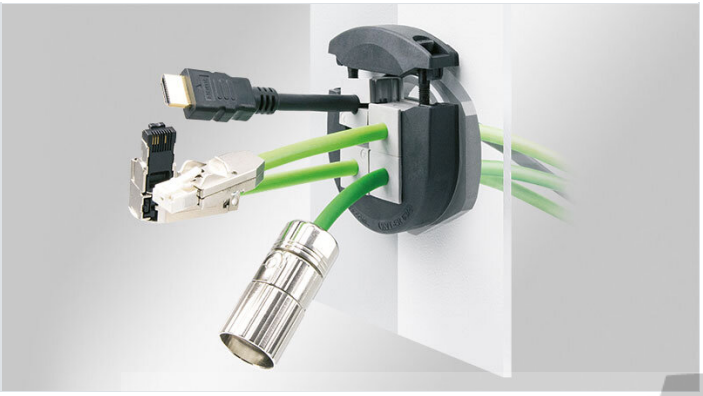
# KVT-ER split cable gland

for cables with connectors, M25 - M63 / IP66 / IP68 / UL Type 12/4X



KVT-ER are split cable glands for routing and sealing cables with connectors, with diameters from 1 to 16 mm (KT 1 - 15) and 16 to 35 mm (KT 16 - 34). But also electric, pneumatic or hydraulic lines without terminals or connectors as well as corrugated conduits can be easily routed (e.g. into control panels, enclosures or machinery), sealed and strain relieved acc. to EN 62444.

The KVT-ER sizes are based on metric standard cut-outs M25, M32, M50 and M63. Hexagonal locknuts are included in the shipment. For assembly, we recommend to tighten the cover lid screws with max. 2 Nm.

Due to the injected gasket and if single-hole grommets are used, the KVT-ER provides certified protection ratings IP66/IP68 and UL type 12 & 4X.

IP54 IP55 IP64 IP65 IP66
IP67 IP68 UL TYPE 12 UL TYPE 4X
RINA HL3 EN 45545-2 EN 61373 ECOLAB certified UV ISO 4892-2A
PNEUMATICS RoHS compliant REACH COMPLIANCE Made in Germany

## Specifications

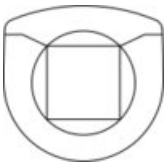
| | |
|---|---|
| **IP rating (EN 60529)** | IP54, IP55, IP64, IP65, IP66, IP67, IP68 |
| **UL Type (UL 50E)** | UL Type 12, UL Type 4X |
| **Material** | Body: Polypropylene<br>Integrated sealing lip: Elastomer |
| **Flame class** | UL94-V0, self-extinguishing |
| **Operating temperature** | -40 C° to 110 C° |
| **Properties** | halogen free, silicone free |
| **Mounting options** | Fasten with locknut |

## Advantages & Benefits

- Certified protection IP66/IP68 (acc. to EN 60529)
- Strain relief according to EN 62444
- Warranty on pre-terminated cables remains
- Retrofits, repairs and maintenance can be done much more easily and quickly
- High cable density
- Suitable for metric cut-outs
- Hexagonal locknut included in the delivery
- High stability, vibration resistant
- Hygienic design - free of dirt-collecting recesses

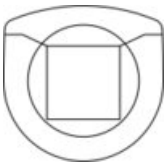
## Product types & Sizes

**KVT-ER 25**



| | | | |
|---|---|---|---|
| Part No. | **45450** | Mounting height | **20 mm** |
| EAN | **4251269319716** | Cut-out size, metric | **M25** |
| PU | **10** | Thread | **M25 × 1,5** |
| For max. no. of cables | **1** | Thread length | **18 mm** |
| Max. cable diameter | **15 mm** | Suitable for grommets | **1 x KT small** |
| Color | **schwarz** | | |
| External diameter | **46 mm** | | |

**KVT-ER 32**

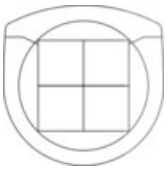


| | | | |
|---|---|---|---|
| Part No. | **45452** | Mounting height | **20 mm** |
| EAN | **4251269318900** | Cut-out size, metric | **M32** |
| PU | **10** | Thread | **M32 × 1,5** |
| For max. no. of cables | **1** | Thread length | **18 mm** |
| Max. cable diameter | **16 mm** | Suitable for grommets | **1 x KT small** |
| Color | **schwarz** | | |
| External diameter | **46 mm** | | |

**KVT-ER 50|2**

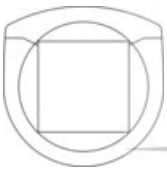
| | | | |
|---|---|---|---|
| Part No. | **45454** | Mounting height | **20 mm** |
| EAN | **4251269318917** | Cut-out size, metric | **M50** |
| PU | **5** | Thread | **M50 × 1,5** |
| For max. no. of cables | **2** | Thread length | **20,5 mm** |
| Max. cable diameter | **16 mm** | Suitable for grommets | **2 x KT small** |
| Color | **schwarz** | | |
| External diameter | **63 mm** | | |

**KVT-ER 63|4**



| | | | |
|---|---|---|---|
| Part No. | **45456** | Mounting height | **20 mm** |
| EAN | **4251269318931** | Cut-out size, metric | **M63** |
| PU | **5** | Thread | **M63 × 1,5** |
| For max. no. of cables | **4** | Thread length | **20,5 mm** |
| Max. cable diameter | **16 mm** | Suitable for grommets | **4 x KT small** |
| Color | **schwarz** | | |
| External diameter | **75 mm** | | |

**KVT-ER 63|1**



| | | | |
|---|---|---|---|
| Part No. | **45455** | Mounting height | **20 mm** |
| EAN | **4251269318924** | Cut-out size, metric | **M63** |
| PU | **5** | Thread | **M63 × 1,5** |
| For max. no. of cables | **1** | Thread length | **20,5 mm** |
| Max. cable diameter | **35 mm** | Suitable for grommets | **1 x KT large** |
| Color | **schwarz** | | |
| External diameter | **75 mm** | | |