

## KVT-ER series

### Split cable glands with IP66/IP68 rating



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 and 4X\*.

#### Advantages & benefits

- Very high strain relief according to EN 62444
- Maintain manufacturer's warranty on pre-terminated cables
- Retrofittings, repairs and maintenance can be done easily and quickly
- Suitable for metric cut-outs
- High cable density, wide variety of grommets
- Hexagonal lock nut included in the delivery
- V2A stainless steel screws
- Very robust housing, vibration resistant
- Modern design

#### Specifications

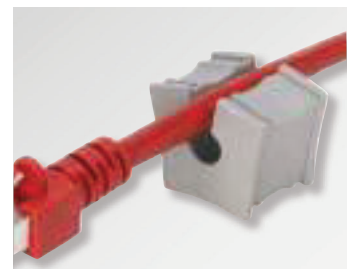
Material	Frame: Polypropylene (PP) Injected gasket: Elastomer
Flame class	UL 94 V-0, self-extinguishing
IP rating	IP65/IP66/IP67/IP68, if correctly assembled with single grommets (certified acc. to EN 60529)
Temperature	-40°C to +110°C (static)
Properties	Halogen-free, silicone-free
Cut-out dimension	Metric sizes

#### Accessories

KT Cable grommets	76 - 77
AT Adapter grommets	92 - 97
KVT-EMC Brackets	263
Locknuts	346
ST Plugs	85



Certified protection class IP65/  
IP66/IP67/IP68



Split KT grommets



Injected elastomer gasket



Can be combined with TE-M thread  
extension



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

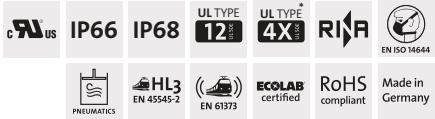
**KGM-SUB-D25**  
fits SUB-D25 connectors  
(Required wall cut-out:  
diameter 50 - 54 mm, PU:10)  
■ Order No. 45110

Type GMT: Split locknut, p. 346

**i** Single-piece packaging units are available on request.

# KVT-ER

## Split cable glands



Description		Type	Order No.	Grommets KT small   large	Cut-out** diameter	Thread Thread length	PU
		KVT-ER 25*	45450	1   –	25.5 mm	M25 × 1.5 Length: 18 mm	10
		KVT-ER 32	45452	1   –	32.5 mm	M32 × 1.5 Length: 18 mm	10
		KVT-ER 50 2	45454	2   –	50.5 mm	M50 × 1.5 Length: 18 mm	5
		KVT-ER 63 1	45455	–   1	63.5 mm	M63 × 1.5 Length: 18 mm	5
		KVT-ER 63 4	45456	4   –	63.5 mm	M63 × 1.5 Length: 18 mm	5

\* Max. cable diameter of 15 mm  
 \*\* Please consider any paint layers or powder coatings!