



IP65 certified

IP66 certified

IP67 certified

IP68 certified

NEMA TYPE 12 in progress

NEMA TYPE 4X in progress

HL3 EN 45545-2

ECOLAB certified

RoHS compliant

Made in Germany

KVT-ER

Split cable glands



up to IP68



Certified protection class IP65/IP66/IP67/IP68



Slit KT grommets

1

Product description

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).

Due to the injected gasket and if single-hole grommets are used, the KVT-ER provides certified protection ratings IP65/IP66/IP67/IP68. When using multi-hole or special grommets, protection is downgraded to IP54.

The KVT-ER sizes are based on metric standard cut-outs 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.

Locknuts

Locknuts with special cut-outs are available separately.



KGM-SUB-D9 fits D-Sub 9 connectors
(Required wall cut-out: Ø 36 mm, PU: 10)

■ Order No. 45106

KGM-SUB-D25 fits SUB-D25 connectors
(Required wall cut-out: Ø 50 - 54 mm, PU:10)

■ Order No. 45110

Description	Type	Order No.	Grommets small large	Thread Thread length	PU
	KVT-ER 32	45452	1 -	M32 x 1.5 Length: 18 mm	10
	KVT-ER 50 2	45454	2 -	M50 x 1.5 Length: 20.5 mm	5

	IP65 certified	IP66 certified	IP67 certified	IP68 certified	NEMA TYPE 12 in progress	NEMA TYPE 4X in progress	HL3 EN 45545-2	ECOLAB certified	RoHS compliant	Made in Germany
--	--------------------------	--------------------------	--------------------------	--------------------------	------------------------------------	------------------------------------	--------------------------	----------------------------	--------------------------	-----------------

KVT-ER

Split cable glands



Injected elastomer gasket



Slit KT grommets



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

KVT-ER 63 1	45455	- 1	M63 x 1.5 Length: 20.5 mm	5	
KVT-ER 63 4	45456	4 -	M63 x 1.5 Length: 20.5 mm	5	

Advantages & benefits

- Certified protection class IP65/IP66/IP67/IP68 according to EN 60529
- Very high strain relief according to EN 62444
- Warranty of pre-terminated cables remains
- Retrofits, repairs and maintenance can be done easily and quickly
- High cable density
- Suitable for metric cut-outs
- Hexagonal nut included in the delivery
- Very robust housing, vibration resistant
- Modern design

Specifications

Material	Material: Polypropylene (PP) Injected gasket: Elastomer
Flame class	UL94-Vo, self-extinguishing
IP rating	IP65/IP66/IP67/IP68, if correctly assembled with single grommets (certified acc. to EN 60529)
Temperature Properties	- 30°C to + 110°C (static) Halogen-free, silicone-free
Cut-out dimension	Metric sizes

Accessories

KT Cable grommets	44 - 46
KVT-EMC Brackets	129
Locknuts	170 -171
ST Plugs	49