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KVT
Split cable glands

Product description

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

Polyamide locknuts are included in the shipment.

For routing SUB-D, DVI or PROFIBUS connectors in combination with the split cable glands KVT, special locknuts with cut-outs are required. The cut-out dimensions are listed on page 126.

* max. Cable diameter 15mm

Locknuts

Special locknuts with cut-outs are separate available.


KGM-SUB-D9 (Order No. 45105) fits SUB-D9 connectors.

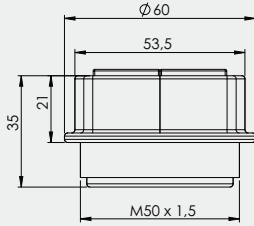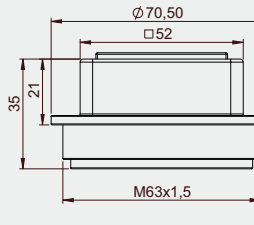KGM-PB (Best.Nr. 45107) fits DVI and PROFIBUS connectors.

KGM-SUB-D25 (Order No. 45108) fits SUB-D25 connectors.

Description	Type	Order No.	Inserts KT small | large	Thread Thread length	PU
	KVT 25*	45035	1 | -	M25 x 1.5 Length: 14 mm	10
	KVT 32	45036	1 | -	M32 x 1.5 Length: 14 mm	10
	KVT 32 + KGM-SUB-D9	45037	1 | -	M32 x 1.5 Length: 14 mm	10
	KVT 40	45203	1 | -	M40 x 1.5 Length: 14 mm	10
	KVT 40 + KGM-PB	45205	1 | -	M40 x 1.5 Length: 14 mm	10

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KVT
Split cable glands
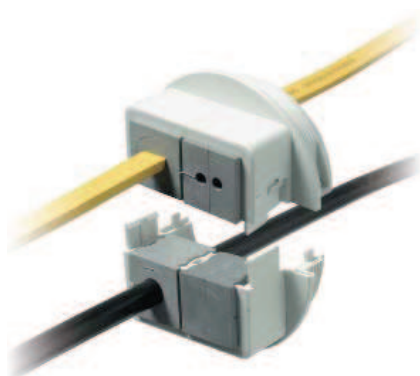
Type	Order No.	Inserts KT small | large	Thread Thread length	PU	Description
KVT 50 | 2	45204	2 | -	M50 x 1.5 Length: 14 mm	5	
KVT 50 | 2 + KGM-SUB-D25	45206	2 | -	M50 x 1.5 Length: 14 mm	5	
KVT 63 | 1**	45211	- | 1	M63 x 1.5 Length: 14 mm	5	
KVT 63 | 4**	45214	4 | -	M63 x 1.5 Length: 14 mm	5	

Ø 60
53,5
35
21
M50 x 1,5

Ø 70,50
□ 52
35
21
M63x1,5

Advantages

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

Specification

Material	**Polycarbonate**
Colour	**similar RAL 7035**
Flame class	**UL-94 V0, self-extinguishing**
Protection class	**IP 54, with gasket and correct selection of the cable inserts**
Temperature	**- 30°C to + 100°C (static)**
Properties	**halogen-free, silicone-free**
Cut-out dimension	**metric standard sizes**

Accessories

** For KVT 63 a locknut M63 (brass-nickel plated) is included in delivery.

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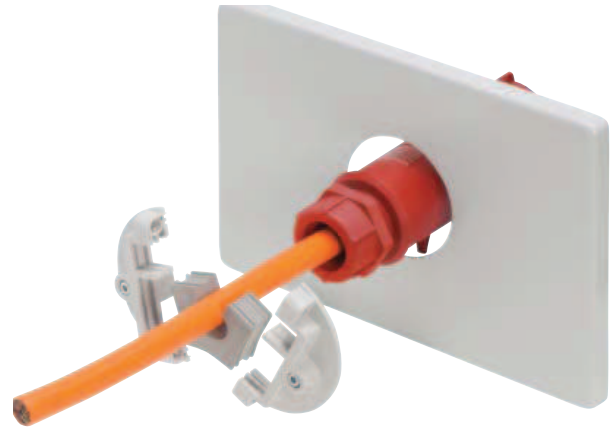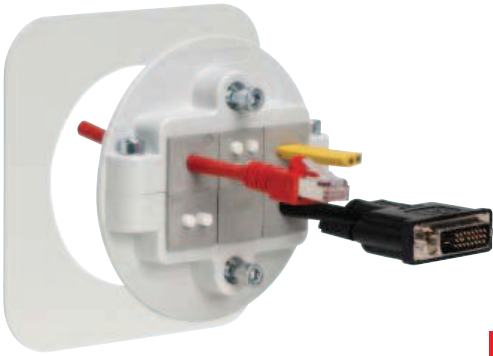
KVT 80
Split cable glands

Product description

The KVT 80 split cable glands are designed for routing and sealing pre-terminated cables. By connecting the two half-shells with attached screws, the inserts provide sufficient pressure on the routed cables to obtain a high degree of strain relief. The KVT 80 is applicable for wall thicknesses from 1.5 mm to 10 mm.

Advantages

- Insertion of pre-terminated cables
- Warranty of pre-terminated cables remains
- Retrofitting and maintenance can be carried out easily and quickly
- High packing density, wide variety
- Provides very good strain relief
- Quick and easy assembly from the front side

Note

When mounting the KVT 80 on sheet metal, we recommend the following torque values:
- 1.5 mm sheet = 1 Nm
- From 2.0 mm sheet = 1.5 Nm

Specification

Material	**Polycarbonate**
Colour	**similar RAL 7035**
Flame class	**UL-94 V0, self-extinguishing**
Protection class	**IP 54, with gasket and correct selection of the cable inserts**
Temperature	**- 30°C to + 100°C (static)**
Properties	**halogen-free, silicone-free**
Cut-out dimension	**80 mm diameter**

Accessories

KT Inserts
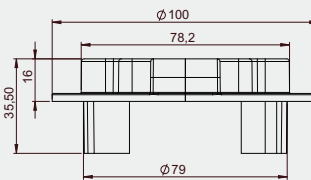
Description	Type	Order No.	Inserts KT small | large	PU
	KVT 80 | 3	45236	2 | 1	1
	KVT 80 | 6	45237	6 | -	1

Ø 100
78,2
35,50
16
Ø 79

KVT - SNAP
Split cable glands
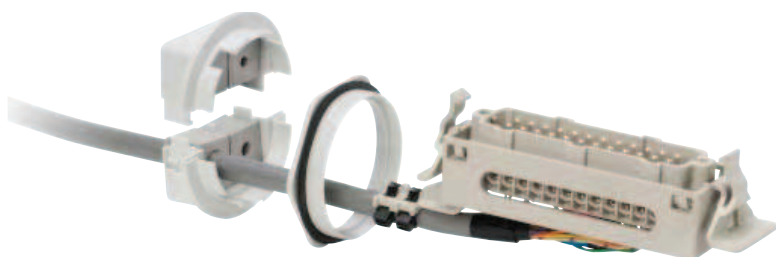
Type	Order No.	Inserts KT small | large	Thread Thread length	PU	Description
KVT - SNAP 32	45130	1 | -	M32 x 1.5 Length: 11 mm	10	
KVT - SNAP 40	45134	1 | -	M40 x 1.5 Length: 11 mm	10	
KVT - SNAP 63 | 4*	45152	4 | -	M63 x 1.5 Length: 11 mm	5	
KVT - SNAP 63 | 1*	45154	- | 1	M63 x 1.5 Length: 11 mm	5	
KGM 32	52275	PA, grey	M32 x 1.5	10	
KGM 40	52276	PA, grey	M40 x 1.5	10	
KGM 63	52278	PA, grey	M63 x 1.5	5	

Product description

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

Pre terminated cables can be routed through thick walls (> 5mm) e.g. into cast junction boxes by using the model KVT-SNAP, without the use of tools.

* For KVT 63 a locknut M63 (brass-nickel plated) is included in delivery.

Assembly

- SNAP ring is screwed into metric thread tapped into housing (or it can be fastened with a lock nut).
- Once the SNAP ring is affixed to the housing the KVT equipped with cables is simply pushed into the SNAP ring. Quick and easy installation!
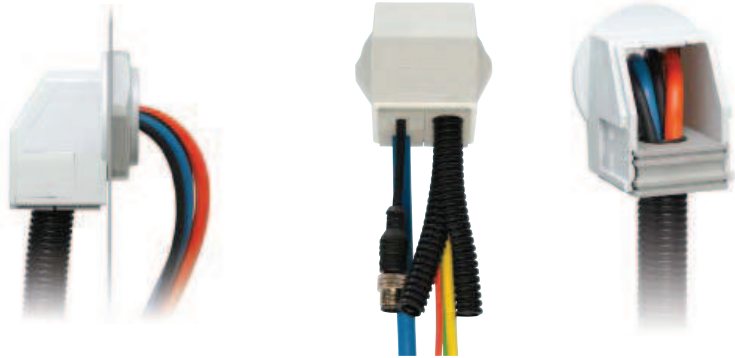
Specification

Material	**Polycarbonate**
Colour	**similar RAL 7035**
Flame class	**UL-94 V0, self-extinguishing**
Protection class	**IP 54, with gasket and correct selection of the cable inserts**
Temperature	**- 30°C to + 100°C (static)**
Properties	**halogen-free, silicone-free**
Cut-out dimension	**metric standard cut-outs**

Accessories

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KVT - W90
Split cable glands

Product description

The split KVT-W90 cable glands are used to insert and seal pre-terminated cables and conduits at a 90° angle.
In particular, the KVT 50-W90 is perfectly suited to hold corrugated or smooth hoses. A large number of cable entry inserts is available to the user.

Polyamide locknuts are included in the shipment.

Advantages

- Installation at an angle of 90° to the cabinet
- Insertion of pre-terminated cables and conduits
- Warranty of pre-terminated cables remains
- Suitable for standard or metric cut-outs

Specification

Material	**Polycarbonate**
Flame class	**UL-94 V0, self-extinguishing**
Protection class	**IP 54, with gasket and correct selection of the cable inserts**
Temperature	**- 30°C to + 100°C (static)**
Properties	**halogen-free, silicone-free**
Colour	**similar RAL 7035**

Accessories

Description		Type	Order No. with locknut	Inserts KT small | large	Thread Thread length	PU
		KVT 32 - W90	45404	1 | -	M32 x 1.5 Length: 11.5 mm	10
		GMT 32	31120	-	M32 x 1.5	10
		KVT 50 | 4 - W90	45424	4 | -	M50 x 1.5 Length: 11.5 mm	5
		KVT 50 | 1 - W90	45414	- | 1	M50 x 1.5 Length: 11.5 mm	5
		GMT 50	31140	-	M50 x 1.5	10