KVT 80 | Split cable gland

for cables with connectors, suitable on cut-out M80 / IP54 / UL Type 12

The KVT 80 split cable glands are designed for routing and sealing cables with connectors. 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) and sealed with IP54 / UL Type 12.

By assembling the two frame halves with the screws provided, the grommets provide sufficient pressure on the routed cables to obtain a high degree of strain relief. By using multi-hole grommets up to 24 lines can be routed with one cable gland. The KVT 80 can be fitted to a wall thickness from 1.5 mm to 10 mm. A flat rubber gasket is included in the shipment.

Note:

When mounting the KVT 80 on sheet metal, we recommend the following torque values:

1.5 mm sheet = 1 Nm | 2 - 10 mm sheet = 1.5 Nm

Specifications

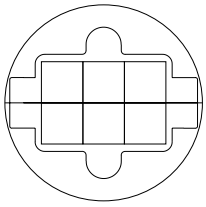
IP rating (EN 60529)	IP54
UL Type (UL 50E)	UL Type 12
Material	Polycarbonate
Flame class	UL94-V0, self-extinguishing
Operating temperature	-30 C° to 100 C°
Properties	silicone free, halogen free
Mounting options	Screw type mounting

Advantages & benefits

- Routing of cables with and without connectors
- Warranty on pre-terminated cables remains
- Retrofits, repairs and maintenance can be done much more easily and quickly
- High cable density, wide variety of grommets
- Fast and easy mounting from the front side
- Strain relief according to EN 62444

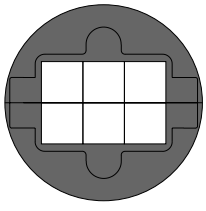
Product types & sizes

KVT 80|6 gy



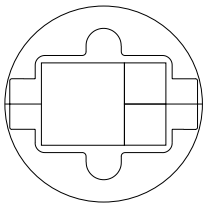
Part No.	**45237**	Mounting height	**16 mm**
EAN	**4251269311376**	Cut-out size, metric	**M80**
Package quantity	**1**	Cut-out size, round	**80 mm**
For max. no. of cables	**24**	Suitable for grommets	**6 x KT small**
Max. cable diameter	**17 mm**		
Colour	**grey (similar RAL 7035)**		
External diameter	**100 mm**		

KVT 80|6 bk



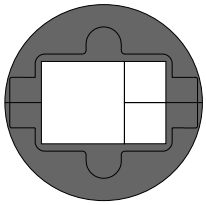
Part No.	**45238**	Mounting height	**16 mm**
EAN	**4251269311383**	Cut-out size, metric	**M80**
Package quantity	**1**	Cut-out size, round	**80 mm**
For max. no. of cables	**24**	Suitable for grommets	**6 x KT small**
Max. cable diameter	**17 mm**		
Colour	**black**		
External diameter	**100 mm**		

KVT 80|3 gy



Part No.	**45236**	Mounting height	**16 mm**
EAN	**4251269311369**	Cut-out size, metric	**M80**
Package quantity	**1**	Cut-out size, round	**80 mm**
For max. no. of cables	**9**	Suitable for grommets	**2 x KT small**
Max. cable diameter	**35 mm**		**1 x KT large**
Colour	**grey (similar RAL 7035)**		
External diameter	**100 mm**		

KVT 80|3 bk



Part No.	**45239**	Mounting height	**16 mm**
EAN	**4251269311390**	Cut-out size, metric	**M80**
Package quantity	**1**	Cut-out size, round	**80 mm**
For max. no. of cables	**9**	Suitable for grommets	**2 x KT small**
Max. cable diameter	**35 mm**		**1 x KT large**
Colour	**black**		
External diameter	**100 mm**		

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