

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

IP54

Made in Germany

UL TYPE 12

RoHS compliant

CULUS

REACH COMPLIANCE

RIFA

HL3 EN 45545-2

ECOLAB certified

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

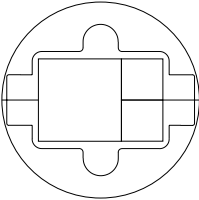
Colour

black

External diameter

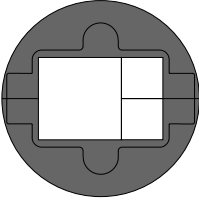
100 mm

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		