



Type CVW 45° (conduit and cable fitting, plastic thread)



Product information

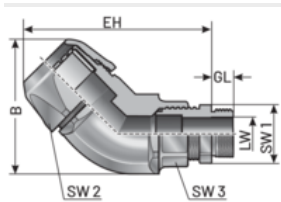
The CVW 45° combined conduit and cable fittings are made of specially modified polyamide 6 and thermoplastic elastomer. The materials are halogen, phosphor and cadmium-free.

The CVW 45° combined conduit and cable fittings feature the following advantages:

- Quick assembly, insert conduit, screw upper part tight, done
- No parts can get lost, delivered completely assembled
- Resistant to vibration due to lockable cap nut
- Clamping along entire circumference, ensuring maximum tensile strength.
- Optimum strain relief for the cable
- High level of tightness at IP 68/69K to 6 bar without any add-on components to EN 60529

Specification:

- EN 45545-2 3x HL3
- NFPA 130: ASTM E 162, ASTM E 662



Information, conformities and approvals



Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	EH mm	GL mm	B mm	Clamping range (LW) mm	SW 1 / 2 / 3 mm	PU pcs.
CVW 45 M12-K	83531250	Black	✓	M12x1,5	M12/P09	55	8	36	3 - 6.5	15 / 20 / 20	50
CVW 45 M16-K	83531252	Black	✓	M16x1,5	M16/P11	63	8	43	4 - 8	22 / 24 / 22	50
CVW 45 M20-K	83531256	Black	✓	M20x1,5	M20/P16	77	9	52	6 - 12	24 / 33 / 27	50
CVW 45 M25-K	83531258	Black	✓	M25x1,5	M25/P21	87	11	65	13 - 18	33 / 41 / 33	25
CVW 45 M32-K	83531260	Black	✓	M32x1,5	M32/P29	102	11	79	18 - 25	42 / 50 / 42	25
CVW 45 M40-K 1)	83531262	Black	✓	M40x1,5	M40/P36	123	13	95	22 - 35	53 / 60 / 53	25
CVW 45 M63-K 2)	83531264	Black	✓	M63x1,5	M50/P48	138	14	115	37 - 44	68 / 75 / 68	10

1) With CSA approval

2) No stock goods, delivery time and minimum order quantities upon request

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Material properties



Fitting: mod. polyamide PA 6
Connecting thread mod. polyamide PA 6 mod. polyamide PA 6
mod. polyamide PA 6



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Thermal properties



Temperature / temperature range

-40 °C - 110 °C / short term: 140 °C

Protection class



Protection class

IP68 up to 6 bar

Fire properties



Fire classification

acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2

C.I.T. R22 / R23 HL3 :0,58 NF X 70-100-1/-2 600°C (1112 °F)
LOI R22 / R23 HL3 :≥ 32 % ISO 4589-2
Ds (max.) R22 / R23 HL3 :57 ISO 5659-2 (25 KW/m²)



Fire properties as per NFPA

ASTM E 162
ASTM E 1354
ASTM E 662
Boeing BSS 7239
Boeing BSS 7242
Bombardier SMP 800-C



Smoke emission class

SR2 DIN 54837 / 5510-2



Flammability classification

S4 DIN 5510-2

Chemical resistances



Resistant to:

Alcohol
Greases
Fuels
Mineral oils

Technical information




Halogen-free





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Conformity

 RoHS (EC Directive 2011/65/EU)

Approvals and operating permits

 EU railway approval


 CSA approval

 cURus approval

Classification

ETIM 9: EC001176
ECLASS 14: 27430312
UNSPSC 26.0801: 40183103

General information

 Made in Germany