



## Type CVW 90° (conduit and cable fitting, plastic thread)



### Product information

The CVW 90° combined conduit and cable fittings are made of specially modified polyamide 6 and thermoplastic elastomer. The materials are halogen, phosphor and cadmium-free.

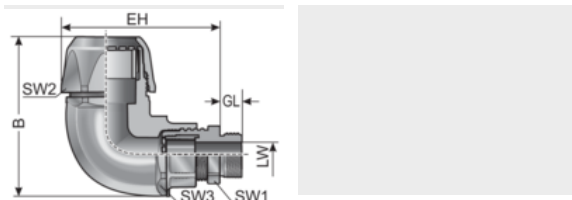
The CVW 90° combined conduit and cable fittings feature the following advantages:

- 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 90 M12-K	83531450	Black	✓	M12x1,5	M12/P09	45	8	44	3 - 6.5	21 / 15 / 20	50
CVW 90 M16-K	83531452	Black	✓	M16x1,5	M16/P11	55	8	54	4 - 8	27 / 22 / 25	50
CVW 90 M20-K	83531456	Black	✓	M20x1,5	M20/P16	67	9	67	6 - 12	33 / 24 / 33	50
CVW 90 M25-K	83531458	Black	✓	M25x1,5	M25/P21	76	11	79	13 - 19	41 / 33 / 41	25
CVW 90 M32-K	83531460	Black	✓	M32x1,5	M32/P29	94	11	92	18 - 25	50 / 42 / 50	25
CVW 90 M40-K 1)	83531462	Black	✓	M40x1,5	M40/P36	112	13	109	22 - 32	60 / 53 / 60	25
CVW 90 M63-K 2)	83531464	Black	✓	M63x1,5	M50/P48	128	14	136	37 - 44	75 / 68 / 75	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/m<sup>2</sup>)



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

### Conformity



RoHS (EC Directive 2011/65/EU)

### Approvals and operating permits



EU railway approval



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### Approvals and operating permits



CSA approval



cURus approval

### Classification

ETIM 9: EC001176  
ECLASS 14: 27430312

### General information



Made in Germany