



## Type CVW 45° EMV (conduit and cable fitting, metal thread)



### Product information

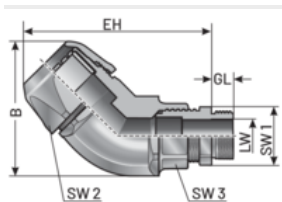
The CVW 45° EMV combined conduit and cable fittings are made of specially modified polyamide 6, thermoplastic elastomer and nickel-plated brass. The materials are halogen, phosphor and cadmium-free.

The CVW 45° EMV 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 EMV	83551250	Black	✓	M12x1,5	M12/P09	55	5	36	3 - 6.5	14 / 20 / 20	50
CVW 45 M16 EMV	83551252	Black	✓	M16x1,5	M16/P11	63	6	43	5 - 10	20 / 25 / 22	50
CVW 45 M20 EMV	83551256	Black	✓	M20x1,5	M20/P16	77	6	52	10 - 14	24 / 33 / 27	50
CVW 45 M25 EMV	83551258	Black	✓	M25x1,5	M25/P21	87	7	65	13 - 18	30 / 41 / 33	25
CVW 45 M32 EMV	83551260	Black	✓	M32x1,5	M32/P29	102	8	75	18 - 24	40 / 50 / 43	25
CVW 45 M40 EMV	83551262	Black	✓	M40x1,5	M40/P36	123	8	95	22 - 31	50 / 60 / 53	25
CVW 45 M63 EMV	83551264	Black	✓	M63x1,5	M50/P48	138	10	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 Brass nickel-plated mod. polyamide PA 6  
Brass nickel-plated



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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>)



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

### General information



Made in Germany