



Type CVG EMV (conduit and cable fitting, metal thread)



Product information

The CVG 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.

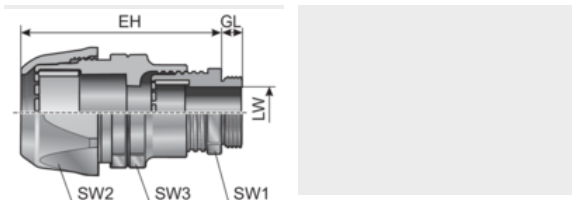
The CVG EMV combined conduit and cable fittings feature the following advantages:

- 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	Clamping range (LW) mm	SW 1 / 2 / 3 mm	PU pcs.
CVG M12 EMV	83551050	Black	✓	M12x1,5	M12/P09	39	6.5	3 - 6.5	14 / 20 / 20	50
CVG M16 EMV	83551052	Black	✓	M16x1,5	M16/P11	45	6	5 - 10	20 / 25 / 25	50
CVG M20 EMV	83551056	Black	✓	M20x1,5	M20/P16	55	6	10 - 14	24 / 33 / 33	50
CVG M25 EMV	83551058	Black	✓	M25x1,5	M25/P21	57	7	13 - 18	30 / 42 / 40	50
CVG M32 EMV	83551060	Black	✓	M32x1,5	M32/P29	69	8	18 - 25	40 / 50 / 50	25
CVG M40 EMV ¹⁾	83551062	Black	✓	M40x1,5	M40/P36	84	8	22 - 32	50 / 60 / 60	25
CVG M50 EMV	83551063	Black	✓	M50x1,5	M50/P48	94	9	32 - 38	57 / 75 / 75	10
CVG M63 EMV	83551064	Black	✓	M63x1,5	M50/P48	94	10	37 - 44	68 / 75 / 75	10
CVG/L M12 EMV	83551650	Black	✓	M12x1,5	M12/P09	39	10	3 - 6.5	14 / 20 / 20	50
CVG/L M16 EMV	83551652	Black	✓	M16x1,5	M16/P11	45	10	5 - 10	20 / 25 / 25	50
CVG/L M20 EMV	83551656	Black	✓	M20x1,5	M20/P16	55	10	10 - 14	24 / 33 / 33	250
CVG/L M25 EMV	83551658	Black	✓	M25x1,5	M25/P21	57	12	13 - 18	30 / 41 / 40	50
CVG/L M32 EMV	83551660	Black	✓	M32x1,5	M32/P29	69	12	18 - 25	40 / 50 / 50	25



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CVG/L M40 EMV 1) (**)	83551662	Black	✓	M40x1,5	M40/P36	84	15	22 - 32	50 / 60 / 60	25
CVG/L M50 EMV	83551663	Black	✓	M50x1,5	M50/P48	94	15	32 - 38	57 / 75 / 75	10

1) With CSA approval

(**) 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

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



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Fire properties



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



CSA approval



cURus approval

Classification

ETIM 9: EC001176

ECLASS 14: 27430312

General information



Made in Germany

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