



Type CVG (conduit and cable fitting, plastic thread)



Product information

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

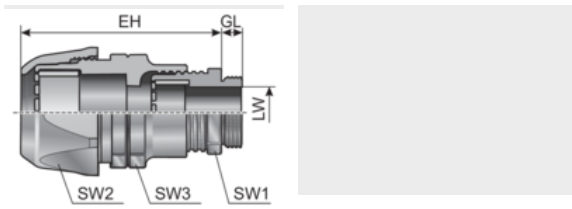
The CVG combined conduit and cable fittings feature the following advantages:

- 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-K	83531050	Black	✓	M12x1,5	M12/P09	39	8	3 - 6.5	15 / 20 / 20	50
CVG M16-K	83531052	Black	✓	M16x1,5	M16/P11	45	8	4 - 8	22 / 25 / 25	50
CVG M20-K	83531056	Black	✓	M20x1,5	M20/P16	55	9	6 - 12	24 / 33 / 33	50
CVG M25-K	83531058	Black	✓	M25x1,5	M25/P21	57	11	13 - 18	33 / 42 / 40	50
CVG M32-K	83531060	Black	✓	M32x1,5	M32/P29	69	11	18 - 25	42 / 50 / 50	25
CVG M40-K 1)	83531062	Black	✓	M40x1,5	M40/P36	84	13	22 - 32	53 / 60 / 60	25
CVG M63-K 2)	83531064	Black	✓	M63x1,5	M50/P48	94	14	37 - 44	60 / 75 / 73	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)



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
UNSPSC 26.0801: 40183103

General information



Made in Germany