



Type IVG (metal internal thread)



Product information

The IVG conduit fittings are made of specially modified polyamide 6, thermoplastic elastomer and nickel-plated brass. The materials are halogen, phosphor and cadmium-free.

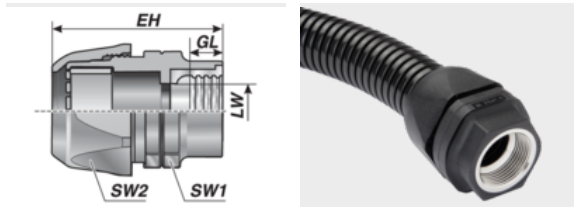
The IVG conduit fittings feature the following advantages:

- 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.
- High level of tightness at IP 68/69K to 6 bar without any add-on components to DIN IEC 60529/A1

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	LW mm	SW 1 / 2 mm	PU pcs.
IVG M12-M	83571052	Black	✓	M12x1,5	M12/P09	31	8	6.5	19 / 20	50
IVG M16-M	83571054	Black	✓	M16x1,5	M16/P11	37	8	10	22 / 25	50
IVG M20-M	83571056	Black	✓	M20x1,5	M20/P16	45	10	14	27 / 33	50
IVG M25-M	83571058	Black	✓	M25x1,5	M25/P21	47	10	18.3	33 / 41	50
IVG M32-M	83571060	Black	✓	M32x1,5	M32/P29	56	13	24	43 / 50	25
IVG M40-M 1)	83571062	Black	✓	M40x1,5	M40/P36	70	14	33	54 / 60	25
IVG M50-M 2)	83571064	Black	✓	M50x1,5	M50/P48	80	15	44	67 / 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 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/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

Conformity



RoHS (EC Directive 2011/65/EU)



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Approvals and operating permits



EU railway approval



CSA approval



cURus approval

Classification

ETIM 9: EC001176
ECLASS 14: 27430312

General information



Made in Germany