



P-IVG-M



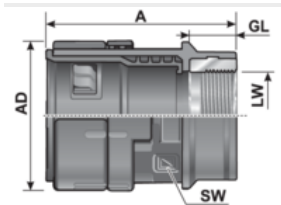
Product information

The highly dense and cable-protecting M-PRO P-IVG-M conduit fitting with metal internal thread is used for the fast and secure connection of corrugated conduits. It has excellent chemical resistance and is also suitable for outdoor use due to its UV and weathering resistance.

Further advantages:

- Tool-free assembly / disassembly of corrugated conduits
- High packing density
- High tear-out strength
- Vibration, impact and shock resistant

Information, conformities and approvals



Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	A mm	AD mm	GL mm	LW mm	SW mm	PU pcs.
Metric metal inside threading											
P-IVG M12/09-M	83451054	Black	✓	M12x1,5	M12/P09	42.4	25	8	10	23	4
P-IVG M16/11-M	83451058	Black	✓	M16x1,5	M16/P11	47.7	27.9	9	13	24	4
P-IVG M20/16-M	83451064	Black	✓	M20x1,5	M20/P16	52	33.7	10	18	30	4
P-IVG M25/21-M	83451068	Black	✓	M25x1,5	M25/P21	57.3	41.6	10	23	36	4
P-IVG M32/29-M	83451072	Black	✓	M32x1,5	M32/P29	64.5	51	11	30	46	2
P-IVG M40/36-M	83451076	Black	✓	M40x1,5	M40/P36	69.5	60	13	38	55	2
P-IVG M50/48-M	83451080	Black	✓	M50x1,5	M50/P48	75.4	73	15	48	65	2
PG metal inside threading											
P-IVG PG07/07-M	83451151	Black	✓	PG 07	M10/P07	42.4	23.65	8	10	22	4
P-IVG PG09/09-M	83451152	Black	✓	PG 09	M12/P09	43.4	25	9	11.5	23	4
P-IVG PG11/11-M	83451154	Black	✓	PG 11	M16/P11	48.7	28.4	10	13.5	24	4
P-IVG PG16/16-M	83451158	Black	✓	PG 16	M20/P16	53.3	33.7	10	18	30	4



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Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	A mm	AD mm	GL mm	LW mm	SW mm	PU pcs.
P-IVG PG21/21-M	83451159	Black	✓	PG 21	M25/P21	58.3	41.6	11	25	36	4
P-IVG PG29/29-M	83451160	Black	✓	PG 29	M32/P29	66.5	51	13	31	46	2
P-IVG PG36/36-M	83451161	Black	✓	PG 36	M40/P36	72.5	60	15	39	55	2
P-IVG PG48/48-M	83451162	Black	✓	PG 48	M50/P48	79.4	73	17.5	50.5	65	2

Material properties



mod. polyamide PA 6
Thermoplastic elastomer

Thermal properties



Temperature / temperature range
-50 °C - 120 °C / short term: 140 °C

Protection class



Protection class
IP54
IP66
IP66K
IP67
IP67M
IP68 up to 6 bar (30 min)
IP69K

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 EN 17084
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



P-IVG-M

Chemical resistances



Resistant to:

Alcohol
Greases
Fuels
Lyes
Mineral oils
Weak acids

Technical information



Halogen-free



Silicone-free



UV-resistant acc. to ISO 4892-2



Interior



exterior

Conformity



RoHS (EC Directive 2011/65/EU)



Vibration, shock and impact tested



ECE 324 R 118

Approvals and operating permits



EU railway approval



cURus approval

Classification

ETIM 9: EC001176
ECLASS 14: 27430312
UNSPSC: 40183103

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