



P-VG-M



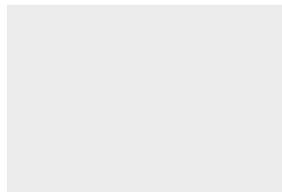
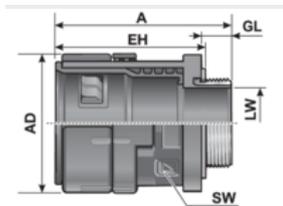
Product information

The highly dense and cable-protecting M-PRO P-VG-M conduit fitting with metal external 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	EH mm	AD mm	GL mm	LW mm	SW mm	PU pcs.
Metric metal thread												
P-VG M12/07-M 1)	83401251	Black	✓	M12x1,5	M10/P07	37,5	33,5	23,65	5	7,2	22	4
P-VG/L M12/07-M	83401252	Black	✓	M12x1,5	M10/P07	44,5	33,5	23,7	12	7,2	22	4
P-VG M12/09-M	83401253	Black	✓	M12x1,5	M12/P09	37,5	33,5	25	5	7,2	23	4
P-VG/L M12/09-M	83401254	Black	✓	M12x1,5	M12/P09	44,5	33,5	25	12	7,2	23	4
P-VG M16/09-M	83401255	Black	✓	M16x1,5	M12/P09	37,5	33,5	25	5	10,5	23	4
P-VG/L M16/09-M	83401256	Black	✓	M16x1,5	M12/P09	44,5	33,5	25	12	10,5	23	4
P-VG M16/11-M 1)	83401257	Black	✓	M16x1,5	M16/P11	42,7	38,7	27,9	5	10,5	24	4
P-VG/L M16/11-M	83401258	Black	✓	M16x1,5	M16/P11	49,7	38,7	27,9	12	10,5	24	4
P-VG M20/11-M 1)	83401259	Black	✓	M20x1,5	M16/P11	43,7	38,7	27,9	6	14,6	24	4
P-VG/L M20/11-M	83401260	Black	✓	M20x1,5	M16/P11	49,7	38,7	27,9	12	14,6	24	4
P-VG M20/16-M	83401262	Black	✓	M20x1,5	M20/P16	47,5	42,5	33,7	6	14,6	30	4
P-VG/L M20/16-M	83401263	Black	✓	M20x1,5	M20/P16	53,5	42,5	33,7	12	14,6	30	4



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Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	A mm	EH mm	AD mm	GL mm	LW mm	SW mm	PU pcs.
P-VG M25/16-M 1)	83401264	Black	✓	M25x1,5	M20/P16	48.5	43	33.7	7	19	30	4
P-VG/L M25/16-M	83401265	Black	✓	M25x1,5	M20/P16	54.5	43	33.7	13	19	30	4
P-VG M25/21-M 1)	83401267	Black	✓	M25x1,5	M25/P21	52.5	47	41.55	7	19	36	4
P-VG/L M25/21-M	83401268	Black	✓	M25x1,5	M25/P21	58.5	47	41.6	13	19	36	4
P-VG M32/21-M 1)	83401269	Black	✓	M32x1,5	M25/P21	53.5	47	41.55	8	26	36	2
P-VG/L M32/21-M	83401270	Black	✓	M32x1,5	M25/P21	59.5	47	41.6	14	26	36	2
P-VG M32/29-M 1)	83401271	Black	✓	M32x1,5	M32/P29	60.5	54	51	8	26	46	2
P-VG/L M32/29-M	83401272	Black	✓	M32x1,5	M32/P29	66.5	54	51	14	26	46	2
P-VG M40/29-M 1)	83401273	Black	✓	M40x1,5	M32/P29	61.5	55	51	8	32	46	2
P-VG/L M40/29-M	83401274	Black	✓	M40x1,5	M32/P29	70.5	55	51	17	32	46	2
P-VG M40/36-M 1)	83401275	Black	✓	M40x1,5	M40/P36	64.5	58.5	60	8	32	55	2
P-VG/L M40/36-M	83401276	Black	✓	M40x1,5	M40/P36	73.5	58.5	60	17	32	55	2
P-VG M50/36-M 1)	83401277	Black	✓	M50x1,5	M40/P36	65.5	58.5	60	9	41.2	55	2
P-VG/L M50/36-M	83401278	Black	✓	M50x1,5	M40/P36	73.5	58.5	60	17	41.2	55	2
P-VG M 50/48-M 1)	83401279	Black	✓	M50x1,5	M50/P48	68.4	61.4	73	9	41.2	65	2
P-VG/L M50/48-M	83401280	Black	✓	M50x1,5	M50/P48	76.4	61.4	73	17	41.2	65	2
P-VG M63/48-M 1)	83401281	Black	✓	M63x1,5	M50/P48	69.4	61.4	73	10	50.3	65	2
P-VG/L M63/48-M	83401282	Black	✓	M63x1,5	M50/P48	76.4	61.4	73	17	50.3	65	2
PG metal threading												
P-VG/L PG07/07-M 1)	83401651	Black	✓	PG 07	M10/P07	44.5	33.5	23.7	12	7.2	22	4
P-VG/L PG09/09-M	83401653	Black	✓	PG 09	M12/P09	44.5	33.5	25	12	9.6	23	4
P-VG/L PG11/11-M	83401657	Black	✓	PG 11	M16/P11	48.7	38.7	27.9	12	12.5	24	4
P-VG/L PG13,5/16-M 1)	83401662	Black	✓	PG 13,5	M20/P16	54.5	42.5	33.7	13	14.5	30	4
P-VG/L PG16/16-M	83401663	Black	✓	PG 16	M20/P16	54.5	42.5	33.7	13	16.5	30	4
P-VG/L PG21/21-M	83401666	Black	✓	PG 21	M25/P21	59.5	47	41.6	14	22	36	4



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Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	A mm	EH mm	AD mm	GL mm	LW mm	SW mm	PU pcs.
P-VG/L PG29/21-M 1)	83401667	Black	✓	PG 29	M25/P21	60.5	48	49	14	26	36	2
P-VG/L PG29/29-M	83401669	Black	✓	PG 29	M32/P29	67.5	55	51	14	30	46	2
P-VG/L PG36/36-M	83401671	Black	✓	PG 36	M40/P36	73.5	58.5	60	17	40	55	2
P-VG/L PG48/48-M	83401673	Black	✓	PG 48	M50/P48	76.4	61.4	73	17	50	65	2

1) No stock goods, delivery time and minimum order quantities upon request

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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



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Fire properties

ASTM E 662
Boeing BSS 7239
Boeing BSS 7242
Bombardier SMP 800-C

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



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Classification

ETIM 9: EC001176
ECLASS 14: 27430312
UNSPSC: 40183103
