



P-VG-K



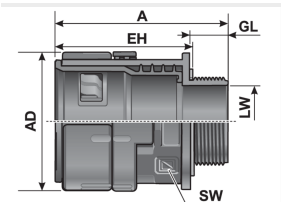
Product information

The highly dense and cable-protecting M-PRO P-VG-K conduit fitting with plastic 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 plastic thread												
P-VG/L M12/09- K	83401056	Black	✓	M12x1,5	M12/P09	44.5	33.5	25	12	7.2	23	4
P-VG/L M16/09- K	83401058	Black	✓	M16x1,5	M12/P09	44.5	33.5	25	12	10.5	23	4
P-VG/L M16/11- K	83401062	Black	✓	M16x1,5	M16/P11	47.5	36.5	27.9	12	10.5	24	4
P-VG/L M20/11- K	83401064	Black	✓	M20x1,5	M16/P11	47.5	36.5	27.9	12	13.5	24	4
P-VG/L M20/16- K	83401068	Black	✓	M20x1,5	M20/P16	50.8	39.8	33.5	12	14.6	30	4
P-VG/L M25/16- K	83401070	Black	✓	M25x1,5	M20/P16	51.8	40.3	33.5	13	19	30	4
P-VG/L M25/21- K	83401074	Black	✓	M25x1,5	M25/P21	55.8	44.3	41.6	13	19	36	4
P-VG/L M32/21- K	83401076	Black	✓	M32x1,5	M25/P21	56.8	44.3	41.6	14	26	36	2
P-VG/L M32/29- K	83401078	Black	✓	M32x1,5	M32/P29	62.8	50.3	51	14	26	46	2
P-VG/L M40/29- K	83401080	Black	✓	M40x1,5	M32/P29	65.8	50.8	51	17	32.5	46	2
P-VG/L M40/36- K	83401082	Black	✓	M40x1,5	M40/P36	68.8	53.8	60	17	33.5	55	2
P-VG/L M50/36- K	83401084	Black	✓	M50x1,5	M40/P36	68.8	53.8	60	17	40	55	2



P-VG-K

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 M50/48-K	83401086	Black	✓	M50x1,5	M50/P48	71.7	56.7	73	17	41.2	65	2
P-VG/L M63/48-83401088 K	83401088	Black	✓	M63x1,5	M50/P48	71.7	56.7	73	17	50.3	65	2
P-VG/L M12/07-83401002 K 1)	83401002	Gray	✗	M12x1,5	M10/P07	44.5	33.5	23.65	12	7.2	22	4
P-VG/L M16/07-83401003 K 1)	83401003	Gray	✗	M16x1,5	M10/P07	44.5	33.5	23.65	12	9.5	22	4
P-VG/L M12/09-83401004 K 1)	83401004	Gray	✗	M12x1,5	M12/P09	44.5	33.5	25	12	7.2	23	4
P-VG/L M16/09-83401005 K 1)	83401005	Gray	✗	M16x1,5	M12/P09	44.5	33.5	25	12	10.5	23	4
P-VG/L M20/09-K 1)	83401006	Gray	✗	M20x1,5	M12/P09	43.2	33.5	25	12	10.5	23	4
P-VG/L M16/11-83401007 K 1)	83401007	Gray	✗	M16x1,5	M16/P11	47.5	36.5	27.9	12	10.5	24	4
P-VG/L M20/11-83401008 K 1)	83401008	Gray	✗	M20x1,5	M16/P11	47.5	36.5	27.9	12	13.5	24	4
P-VG/L M20/16-83401010 K 1)	83401010	Gray	✗	M20x1,5	M20/P16	50.8	39.8	33.5	12	14.6	30	4
P-VG/L M25/16-83401011 K 1)	83401011	Gray	✗	M25x1,5	M20/P16	51.8	40.3	33.5	13	19	30	4
P-VG/L M25/21-83401013 K 1)	83401013	Gray	✗	M25x1,5	M25/P21	55.8	44.3	41.55	13	19	36	4
P-VG/L M32/21-83401014 K 1)	83401014	Gray	✗	M32x1,5	M25/P21	56.8	44.3	41.55	14	26	36	2
P-VG/L M32/29-83401015 K 1)	83401015	Gray	✗	M32x1,5	M32/P29	62.8	50.3	51	14	26	46	2
P-VG/L M40/29-83401016 K 1)	83401016	Gray	✗	M40x1,5	M32/P29	65.8	50.8	51	17	32.5	46	2
P-VG/L M40/36-K 1)	83401017	Gray	✗	M40x1,5	M40/P36	68.8	53.8	60	17	33.5	55	2
P-VG/L M50/36-K 1)	83401018	Gray	✗	M50x1,5	M40/P36	68.8	53.8	60	17	40	55	2
P-VG/L M50/48-K 1)	83401019	Gray	✗	M50x1,5	M50/P48	71.7	56.7	73	17	41.2	65	2
P-VG/L M63/48-83401020 K 1)	83401020	Gray	✗	M63x1,5	M50/P48	71.7	56.7	73	17	50.3	65	2
PG plastic threading												
P-VG/L PG07/07-K 1)	83401451	Black	✓	PG 07	M10/P07	44.5	33.5	23.65	12	7.5	22	4
P-VG/L PG09/07-K 1)	83401452	Black	✓	PG 09	M10/P07	44.5	33.5	23.65	12	9.5	22	4



P-VG-K

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 PG11/07-K 1)	83401453	Black	✓	PG 11	M10/P07	44.5	33.5	23.65	12	9.5	22	4
P-VG/L PG13,5/07-K 1)	83401454	Black	✓	PG 13,5	M10/P07	44.5	33.5	23.65	12	10	22	4
P-VG/L PG07/09-K 1)	83401455	Black	✓	PG 07	M12/P09	44.5	33.5	25	12	7.5	23	4
P-VG/L PG09/09-K	83401456	Black	✓	PG 09	M12/P09	44.5	33.5	25	12	10	23	4
P-VG/L PG11/09-K	83401457	Black	✓	PG 11	M12/P09	44.5	33.5	25	12	11	23	4
P-VG/L PG13,5/09-K 1)	83401458	Black	✓	PG 13,5	M12/P09	45.5	33.5	25	12	11	23	4
P-VG/L PG07/11-K 1)	83401459	Black	✓	PG 07	M16/P11	47.5	36.5	27.9	12	7.5	24	4
P-VG/L PG09/11-K 1)	83401460	Black	✓	PG 09	M16/P11	47.5	36.5	27.9	12	10	24	4
P-VG/L PG11/11-K	83401461	Black	✓	PG 11	M16/P11	47.5	36.5	27.9	12	12.5	24	4
P-VG/L PG13,5/11-K 1)	83401462	Black	✓	PG 13,5	M16/P11	48.5	36.5	27.9	13	12.5	24	4
P-VG/L PG16/11-K	83401463	Black	✓	PG 16	M16/P11	48.5	36.5	27.9	13	13	24	4
P-VG/L PG09/16-K 1)	83401466	Black	✓	PG 09	M20/P16	50.8	39.8	33.7	12	10	30	4
P-VG/L PG11/16-K	83401467	Black	✓	PG 11	M20/P16	50.8	39.8	33.7	12	12.5	30	4
P-VG/L PG13,5/16-K 1)	83401468	Black	✓	PG 13,5	M20/P16	51.8	39.8	33.7	13	13.5	30	4
P-VG/L PG16/16-K	83401469	Black	✓	PG 16	M20/P16	51.8	39.8	33.7	13	16	30	4
P-VG/L PG16/21-K 1)	83401471	Black	✓	PG 16	M25/P21	55.8	43.8	41.6	13	16	36	4
P-VG/L PG21/21-K	83401472	Black	✓	PG 21	M25/P21	56.8	44.3	41.6	14	22	36	4
P-VG/L PG29/29-K	83401474	Black	✓	PG 29	M32/P29	65.8	50.3	51	17	27	46	2
P-VG/L PG29/36-K 1)	83401475	Black	✓	PG 29	M40/P36	68.8	53.3	60	17	27	55	2
P-VG/L PG36/36-K 1)	83401476	Black	✓	PG 36	M40/P36	68.8	53.8	60	17	37	55	2
P-VG/L PG36/48-K 1)	83401477	Black	✓	PG 36	M50/P48	71.7	56.7	73	17	37	65	2
P-VG/L PG42/48-K 1)	83401478	Black	✓	PG 42	M50/P48	71.7	56.7	73	17	44	65	2
P-VG/L PG48/48-K 1)	83401479	Black	✓	PG 48	M50/P48	71.7	56.7	73	17	49.3	65	2



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P-VG/L PG07/07-K 1)	83401402	Gray	✗	PG 07	M10/P07	44.5	33.5	23.65	12	7.5	22	4
P-VG/L PG09/07-K 1)	83401403	Gray	✗	PG 09	M10/P07	44.5	33.5	23.65	12	9.5	22	4
P-VG/L PG11/07-K 1)	83401404	Gray	✗	PG 11	M10/P07	44.5	33.5	23.65	12	9.5	22	4
P-VG/L PG13,5/07-K 1)	83401405	Gray	✗	PG 13,5	M10/P07	44.5	33.5	23.65	12	10	22	4
P-VG/L PG07/09-K 1)	83401406	Gray	✗	PG 07	M12/P09	44.5	33.5	25	12	7.5	23	4
P-VG/L PG09/09-K 1)	83401407	Gray	✗	PG 09	M12/P09	44.5	33.5	25	12	10	23	4
P-VG/L PG11/09-K 1)	83401408	Gray	✗	PG 11	M12/P09	44.5	33.5	25	12	11	23	4
P-VG/L PG13,5/09-K 1)	83401409	Gray	✗	PG 13,5	M12/P09	45.5	33.5	25	12	11	23	4
P-VG/L PG07/11-K 1)	83401410	Gray	✗	PG 07	M16/P11	47.5	36.5	27.9	12	7.5	24	4
P-VG/L PG09/11-K 1)	83401411	Gray	✗	PG 09	M16/P11	47.5	36.5	27.9	12	10	24	4
P-VG/L PG11/11-K 1)	83401412	Gray	✗	PG 11	M16/P11	47.5	36.5	27.9	12	12.5	24	4
P-VG/L PG13,5/11-K 1)	83401413	Gray	✗	PG 13,5	M16/P11	48.5	36.5	27.9	13	12.5	24	4
P-VG/L PG16/11-K 1)	83401414	Gray	✗	PG 16	M16/P11	48.5	36.5	27.9	13	13	24	4
P-VG/L PG09/16-K 1)	83401417	Gray	✗	PG 09	M20/P16	50.8	39.8	33.7	12	10	30	4
P-VG/L PG11/16-K 1)	83401418	Gray	✗	PG 11	M20/P16	50.8	39.8	33.7	12	12.5	30	4
P-VG/L PG13,5/16-K 1)	83401419	Gray	✗	PG 13,5	M20/P16	51.8	39.8	33.7	13	13.5	30	4
P-VG/L PG16/16-K 1)	83401420	Gray	✗	PG 16	M20/P16	51.8	39.8	33.7	13	16	30	4
P-VG/L PG16/21-K 1)	83401422	Gray	✗	PG 16	M25/P21	55.8	43.8	41.55	13	16	36	4
P-VG/L PG21/21-K 1)	83401423	Gray	✗	PG 21	M25/P21	56.8	44.3	41.55	14	22	36	4
P-VG/L PG29/29-K 1)	83401425	Gray	✗	PG 29	M32/P29	65.8	50.3	51	17	27	46	2
P-VG/L PG29/36-K 1)	83401426	Gray	✗	PG 29	M40/P36	68.8	53.3	60	17	27	55	2
P-VG/L PG36/36-K 1)	83401427	Gray	✗	PG 36	M40/P36	68.8	53.8	60	17	37	55	2



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P-VG/L PG36/48-K 1)	83401428	Gray	✗	PG 36	M50/P48	71.7	56.7	73	17	37	65	2
P-VG/L PG42/48-K 1)	83401429	Gray	✗	PG 42	M50/P48	71.7	56.7	73	17	44	65	2
P-VG/L PG48/48-K 1)	83401430	Gray	✗	PG 48	M50/P48	71.7	56.7	73	17	49.3	65	2

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

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 IP66 K IP67 IP67 M IP68 up to 6 bar (30 min) IP69K

Fire properties



Fire classification acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2C.I.T. R22 / R23 HL3 :0,58 EN 17084 LOI R22 / R23 HL3 :≥ 32 % ISO 4589-2Ds (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

Chemical resistances



Resistant to: Alcohol Greases Fuels Lyes Mineral oils Weak acids

Technical information



Halogen-free



P-VG-K

Technical information



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 ||