



## P-VG-K



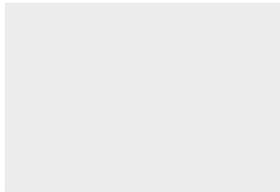
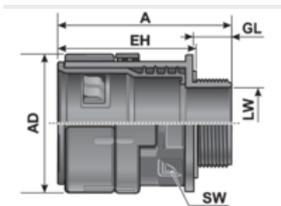
### Product information

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.
<b>Metric plastic thread</b>												
P-VG/L M12/07- K 1)	83401052	Black	✓	M12x1,5	M10/P07	44.5	33.5	23.65	12	7.2	22	4
P-VG/L M16/07- K 1)	83401054	Black	✓	M16x1,5	M10/P07		33.5	23.65	12	9.5	22	4
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 M20/09-K 1)	83401060	Black	✓	M20x1,5	M12/P09	43.2	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



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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 M40/29-83401080 K		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 1)	83401084	Black	✓	M50x1,5	M40/P36	68.8	53.8	60	17	40	55	2
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 1)		Black	✓	M63x1,5	M50/P48	71.7	56.7	73	17	50.3	65	2
<b>PG plastic threading</b>												
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/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 1)	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 PG16/11-83401463 K 1)		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 PG11/16-83401467 K 1)		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



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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 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	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 PG48/48-K	83401479	Black	✓	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

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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



## P-VG-K

### Fire properties



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/m<sup>2</sup>)



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



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



## P-VG-K

### Approvals and operating permits



EU railway approval



cURus approval

### Classification

ETIM 9: EC001176  
ECLASS 14: 27430312  
UNSPSC: 40183103