



P-VG-M



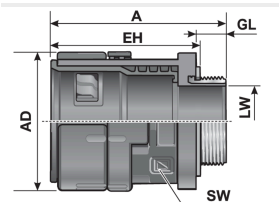
Product information

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/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/L M16/11- M	83401258	Black	✓	M16x1,5	M16/P11	49.7	38.7	27.9	12	10.5	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
P-VG M25/16-M	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/L M25/21- M	83401268	Black	✓	M25x1,5	M25/P21	58.5	47	41.6	13	19	36	4



P-VG-M

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 M32/21- M	83401270	Black	✓	M32x1,5	M25/P21	59.5	47	41.6	14	26	36	2
P-VG/L M32/29- M	83401272	Black	✓	M32x1,5	M32/P29	66.5	54	51	14	26	46	2
P-VG/L M40/29- M	83401274	Black	✓	M40x1,5	M32/P29	70.5	55	51	17	32	46	2
P-VG/L M40/36-M	83401276	Black	✓	M40x1,5	M40/P36	73.5	58.5	60	17	32	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/L M50/48-M	83401280	Black	✓	M50x1,5	M50/P48	76.4	61.4	73	17	41.2	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 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	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
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

Material properties



mod. polyamide PA 6 || Thermoplastic elastomer ||

Thermal properties



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

Protection class



Protection classIP54IP66IP66KIP67IP67MIP68 up to 6 bar (30 min)IP69K



P-VG-M

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 : $\geq 32\%$ 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



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



P-VG-M

Approvals and operating permits



cURus approval

Classification



ETIM 9: EC001176 || eClass 14: 27430312 || UNSPSC: 40183103 ||

All details given in our sales brochures and catalogues, as well as the information available online, are based on our current knowledge of the products described. The electronic data and files made available by Murrplastik, particularly CAD files are based on our current knowledge of the product described. A legally binding assurance of certain properties or the suitability for a certain purpose can not be determined from this information. All information with respect to the chemical and physical properties of Murrplastik products, as well as application advice given verbally, in writing or by tests, is given to the best of our knowledge. They do not release the buyer from the obligation to carry out his own tests and trials in order to determine the concrete suitability of the products for the intended purpose. Murrplastik accepts no responsibility for the available information being up-to-date, correct or complete. Neither do we accept responsibility for the quality of this information. Murrplastik accepts no liability for damage caused as a result of using our products. Murrplastik reserves the right to make technical changes and improvements through constant further development of products and services. Our General Terms and Conditions apply.