



## P-VW 90-M



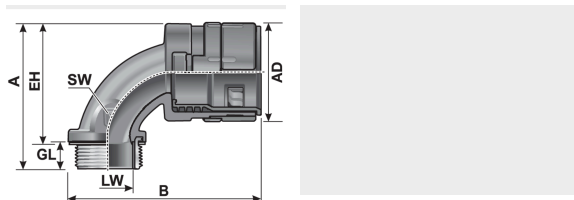
### Product information

The highly dense and cable-protecting M-PRO P-VW 90°-M conduit fitting with metal external thread at a 90° angle 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	B mm	SW mm	PU pcs.
<b>Metric metal thread</b>													
P-VW/L 90 M12/09-M	83405254	Black	✓	M12x1,5	M12/P09	50.7	39.7	25	12	5.5	63.8	11	4
P-VW/L 90 M16/11-M	83405258	Black	✓	M16x1,5	M16/P11	52.6	41.6	27.9	12	8.9	66	15	4
P-VW/L 90 M20/16-M	83405263	Black	✓	M20x1,5	M20/P16	58.1	47.1	33.7	12	12.5	73.8	19	4
P-VW/L 90 M25/21-M	83405268	Black	✓	M25x1,5	M25/P21	66.2	54.4	41.6	13	17	84.1	24	4
P-VW/L 90 M32/29-M	83405272	Black	✓	M32x1,5	M32/P29	76.4	63.7	51	14	23.2	100.4	30	2
P-VW/L 90 M40/36-M	83405276	Black	✓	M40x1,5	M40/P36	91	76	59.3	17	29.9	113.7	41	2
P-VW/L 90 M50/48-M	83405280	Black	✓	M50x1,5	M50/P48	104.3	89.3	71	17	38.8	128.8	50	2
<b>PG metal threading</b>													
P-VW/L 90 PG09/09-M	83405653	Black	✓	PG 09	M12/P09	50.7	39.7	25	12	7.8	63.3	14	4
P-VW/L 90 PG16/16-M	83405663	Black	✓	PG 16	M20/P16	59.1	47.1	33.7	13	14.3	77	21	4
P-VW/L 90 PG21/21-M	83405666	Black	✓	PG 21	M25/P21	67.2	54.7	41.6	14	19.8	87.8	28	4
P-VW/L 90 PG29/29-M	83405668	Black	✓	PG 29	M32/P29	77.4	64.9	51	14	26.5	104.9	34	2



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P-VW/L 90 PG36/36-M	83405670	Black	✓	PG 36	M40/P36	91	76	59.3	17	36.2	118.7	46	2
P-VW/L 90 PG48/48-M	83405672	Black	✓	PG 48	M50/P48	105.3	90.3	71	17	47.1	135.3	60	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 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 45545-2 C.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/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



## P-VW 90-M

### Technical information



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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