



P-CVG-EMV



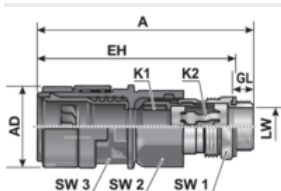
Product information

The highly dense and cable-protecting M-PRO P-CVG-EMV conduit fitting with metal external thread and integrated cable fitting with strain relief in EMC version is used for the fast and secure connection of corrugated conduits and cables. 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	PU pcs.
Metric metal thread / EMC version						
P-CVG/L M12/09-EMV	83421054	Black	✓	M12x1,5	M12/P09	4
P-CVG/L M16/09-EMV ¹⁾	83421056	Black	✓	M16x1,5	M12/P09	4
P-CVG/L M16/11-EMV	83421058	Black	✓	M16x1,5	M16/P11	4
P-CVG/L M20/11-EMV	83421060	Black	✓	M20x1,5	M16/P11	4
P-CVG/L M20/16-EMV	83421064	Black	✓	M20x1,5	M20/P16	4
P-CVG/L M25/16-EMV	83421066	Black	✓	M25x1,5	M20/P16	4
P-CVG/L M25/21-EMV	83421070	Black	✓	M25x1,5	M25/P21	4
P-CVG/L M32/21-EMV	83421072	Black	✓	M32x1,5	M25/P21	2
P-CVG/L M32/29-EMV	83421074	Black	✓	M32x1,5	M32/P29	2
P-CVG/L M40/29-EMV	83421076	Black	✓	M40x1,5	M32/P29	2
P-CVG/L M40/36-EMV	83421078	Black	✓	M40x1,5	M40/P36	2
P-CVG/L M50/36-EMV	83421080	Black	✓	M50x1,5	M40/P36	2

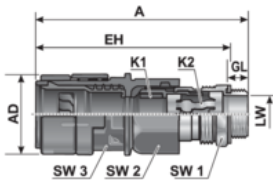


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Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	PU pcs.
P-CVG/L M50/48-EMV	83421082	Black	✓	M50x1,5	M50/P48	2
PG metric metal thread / EMC version						
P-CVG/L PG09/09-EMV	83421156	Black	✓	PG 09	M12/P09	4
P-CVG/L PG11/11-EMV	83421164	Black	✓	PG 11	M16/P11	4
P-CVG/L PG16/16-EMV	83421176	Black	✓	PG 16	M20/P16	4
P-CVG/L PG21/21-EMV	83421182	Black	✓	PG 21	M25/P21	4
P-CVG/L PG29/29-EMV	83421186	Black	✓	PG 29	M32/P29	2
P-CVG/L PG36/36-EMV	83421190	Black	✓	PG 36	M40/P36	2
P-CVG/L PG48/48-EMV	83421194	Black	✓	PG 48	M50/P48	2

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

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Article	Order No.	A mm	EH mm	AD mm	GL mm	LW mm	Clamping range Cable (K1) mm	Clamping range Shield (K2) mm	SW 1 / 2 / 3 mm
P-CVG/L M12/09-EMV	83421054	64.55	59.6	25	6	6.7	3 - 6.5	2 - 5	14 / 18 / 23
P-CVG/L M16/09-EMV 1)	83421056	69.45	64.5	25	6	10.3	5 - 10	3.5 - 8	20 / 24 / 23
P-CVG/L M16/11-EMV	83421058	73.75	68.8	27.9	6	10.3	5 - 10	3.5 - 8	20 / 24 / 24
P-CVG/L M20/11-EMV	83421060	72.45	67.5	27.9	6	12.3	6 - 12	4.5 - 10	22 / 27 / 24
P-CVG/L M20/16-EMV	83421064	86.2	79.2	33.5	8	14.5	7.5 - 14	5.5 - 11.5	24 / 30 / 30
P-CVG/L M25/16-EMV	83421066	88.8	82.3	33.5	8	18.5	10 - 18	7 - 14	30 / 36 / 30
P-CVG/L M25/21-EMV	83421070	92.8	86.3	40.95	8	18.5	10 - 18	7 - 14	30 / 36 / 36
P-CVG/L M32/21-EMV	83421072	103.9	96.4	40.95	9	25.3	16 - 25	12 - 20	40 / 46 / 36



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Article	Order No.	A mm	EH mm	AD mm	GL mm	LW mm	Clamping range Cable (K1) mm	Clamping range Shield (K2) mm	SW 1 / 2 / 3 mm
P-CVG/L M32/29- EMV	83421074	109.9	102.4	50.6	9	25.3	16 - 25	12 - 20	40 / 46 / 46
P-CVG/L M40/29- EMV	83421076	118.8	111.8	50.6	9	32.8	22 - 32	18 - 27	50 / 60 / 46
P-CVG/L M40/36- EMV	83421078	121.8	114.8	58.9	9	32.8	22 - 32	18 - 27	50 / 60 / 55
P-CVG/L M50/36- EMV	83421080	132.55	125.6	58.9	9	38.5	30 - 38	26 - 34	58 / 70 / 55
P-CVG/L M50/48- EMV	83421082	135.45	128.5	70.6	9	38.5	30 - 38	26 - 34	58 / 70 / 65
PG metric metal thread / EMC version									
P-CVG/L PG09/09- EMV	83421156	70.2	65.2	25	6	8.5	4 - 8	3 - 6	17 / 22 / 23
P-CVG/L PG11/11- EMV	83421164	73.75	68.8	27.9	6	10.5	5 - 10	3.5 - 8	21 / 24 / 24
P-CVG/L PG16/16- EMV	83421176	84.7	79.2	33.5	6.5	14.5	7.5 - 14	5.5 - 12	24 / 30 / 30
P-CVG/L PG21/21- EMV	83421182	91.8	86.3	40.95	7	18.5	10 - 18	7 - 14	32 / 36 / 36
P-CVG/L PG29/29- EMV	83421186	109	102.4	50.6	9	25.3	16 - 25	12 - 20	40 / 46 / 46
P-CVG/L PG36/36- EMV	83421190	121.8	114.8	58.9	9	32.8	22 - 32	18 - 27	50 / 60 / 55
P-CVG/L PG48/48- EMV	83421194	127.4	115.4	70.6	14	45.2	34 - 44	30 - 40	68 / 75 / 65
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

IP66K

IP67

IP67M

IP68 up to 6 bar (30 min) with cable

IP69K



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Protection class

IP68 To ensure system tightness in accordance with IP68, additional sealing of the terminal thread with a commercially available thread sealant is recommended.

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

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)



P-CVG-EMV

Conformity



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