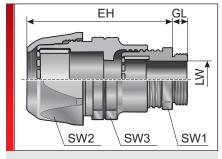


# Type CVG EMC (conduit and cable fitting; metal thread)





### PRODUCT INFORMATION

The CVG EMV combined conduit and cable fittings are made of specially modified polyamide 6, thermoplastic elastomer and nickel-plated brass. The materials are halogen, phosphor and cadmium-free.

The CVG EMV combined conduit and cable fittings feature the following advantages:

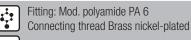
- Quick assembly, insert conduit, screw upper part tight, done
- No parts can get lost, delivered completely assembled

- Resistant to vibration due to lockable cap nut
- Clamping along entire circumference, ensuring maximum tensile strength
- Optimum strain relief for the cable
- High level of tightness at IP 68/69K to 6 bar without any add-on components to EN 60529

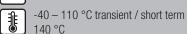
# Specification:

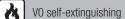
• EN 45545-2:2013 3x HL3

# **SPECIFICATIONS**



**IP** IP 68 up to 6 bar (IP 69K)

















Туре	Order No.	Colour	Connecting thread	Suitable for Murrflex	EH mm	GL mm	Clamping range (LW) mm	SW 1 / 2 / 3 mm	Pack qty.
Metric metal threa	d / EMC versi	on							
CVG M12 EMC	83551050	Black	M12x1.5	M12/P09	39.00	6.50	3.00 - 6.50	14.00 / 20.00 / 20.00	50
CVG M16 EMC	83551052	Black	M16x1,5	M16/P11	45.00	6.00	5.00 - 8.00	20.00 / 25.00 / 25.00	50
CVG M20 EMC	83551056	Black	M20x1.5	M20/P16	55.00	6.00	10.00 - 14.00	24.00 / 33.00 / 33.00	50
CVG M25 EMC	83551058	Black	M25x1.5	M25/P21	57.00	7.00	13.00 - 18.00	30.00 / 42.00 / 40.00	50
CVG M32 EMC	83551060	Black	M32x1.5	M32/P29	69.00	8.00	18.00 - 25.00	40.00 / 50.00 / 50.00	25
CVG M40 EMC <sup>1)</sup>	83551062	Black	M40x1.5	M40/P36	84.00	8.00	22.00 - 32.00	50.00 / 60.00 / 60.00	25
CVG M50-EMV	83551063	Black	M50x1.5	M50/P48	94.00	10.00	37.00 - 44.00	68.00 / 75.00 / 75.00	10
CVG M63 EMC	83551064	Black	M63x1.5	M50/P48	94.00	10.00	37.00 - 44.00	68.00 / 75.00 / 75.00	10
Metric metal thread / EMC version with extended thread									
CVG/L M12 EMC	83551650	Black	M12x1.5	M12/P09	39.00	6.50	3.00 - 6.50	14.00 / 20.00 / 20.00	50
CVG/L M16 EMC	83551652	Black	M16x1,5	M16/P11	45.00	10.00	5.00 - 10.00	20.00 / 25.00 / 25.00	50
CVG/L M20 EMC	83551656	Black	M20x1.5	M20/P16	55.00	10.00	10.00 - 14.00	24.00 / 33.00 / 33.00	50
CVG/L M25 EMC	83551658	Black	M25x1.5	M25/P21	57.00	12.00	13.00 - 18.00	33.00 / 41.00 / 40.00	50
CVG/L M32 EMC	83551660	Black	M32x1.5	M32/P29	69.00	12.00	18.00 - 25.00	40.00 / 50.00 / 50.00	25
CVG/L M40 EMC1)	83551662	Black	M40x1.5	M40/P36	84.00	15.00	22.00 - 32.00	50.00 / 60.00 / 60.00	25
CVG/L M50-EMV	83551663	Black	M50x1.5	M50/P48	94.00	15.00	37.00 - 44.00	68.00 / 75.00 / 75.00	10
1) With CSA approval									

# **MATERIAL PROPERTIES**



Fitting: Mod. polyamide PA 6 Connecting thread Brass nickel-plated



# Type CVG EMC (conduit and cable fitting; metal thread)

### **MECHANICAL PROPERTIES**



#### **Protection class**

IP 68 up to 6 bar (IP 69K)

### **THERMAL PROPERTIES**



# Temperature / temperature range

-40 - 110 °C transient / short term 140 °C

# **FIRE BEHAVIOUR**



### Fire classification

V0 self-extinguishing

#### Smoke emission class

SR2 DIN 54837 / 5510-2

#### Flammability classification

S4 DIN 5510-2

# Fire properties as per EN 45545-2: 2009

C.I.T. R22 / R23 HL3 = 0,43 LOI R22 / R23 HL3 = 33,8 % Ds (max.) R23 HL3 63

### **APPROVALS AND OPERATING PERMITS**



Railway EU approval



**CSA** approval



**GL** approval

# **TECHNICAL INFORMATION**



**Halogen-free** DIN 53474

**CONFORMITY** 



RoHS (EC Directive 202/95/EC)

# **GENERAL INFORMATION**



**Made in Germany** 

All details given in our sales material prospectuses 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

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