



## Type m-seal EMC (EMV)



### Product information

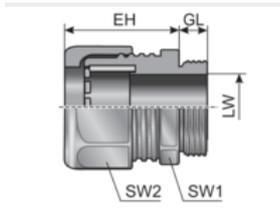
With the m-seal EMC (EMV) cable fittings, simple radial and axial movement of the cable are possible, even at contact location. The contact finger surfaces with rounded edges prevent damage to the conductor.

In addition, the large surface on the contact finger makes low contact resistance possible, even on loosely woven cables (the contact area does not press into the conductor).

The m-seal EMC (EMV) cable fitting features the following advantages:

- Large seal and clamping area
- With integrated strain relief
- High protection class IP 68
- High contract rating, even at vibration conditions
- Very simple and rapid assembly without tools
- Suitable for the highest requirements of today's technology
- Very good shielding attenuation

\*Suitable locknut must be ordered separately.



### Information, conformities and approvals



Article	Order No.	Color	UV	Connecting thread	Clamping range (LW) mm	Contact diameter mm	EH mm	GL mm	SW 1 / 2 mm	PU pcs.
m-seal EMC M12x1,5 3,0-6,5 1)	84201800	Silver	✓	M12x1,5	3 - 6.5	2 - 5	28	6	14	50
m-seal EMC M16x1,5 5,0-10,0 1)	84201802	Silver	✓	M16x1,5	5 - 10	3.5 - 8	33	6	20	50
m-seal EMC M20x1,5 6,0-12,0 1)	84201804	Silver	✓	M20x1,5	6 - 12	4.5 - 10	32	6	24	50
m-seal EMC M20x1,5 7,5-14,0 1)	84201805	Silver	✓	M20x1,5	7.5 - 14	5.5 - 11.5	40	8	24	50
m-seal EMC M25x1,5 10,0-18,0 1)	84201806	Silver	✓	M25x1,5	10 - 18	7 - 14	43	8	30	25
m-seal EMC M32x1,5 16,0-25,0 1)	84201808	Silver	✓	M32x1,5	16 - 25	12 - 20	53	9	40	10
m-seal EMC M40x1,5 22,0-32,0 1)	84201810	Silver	✓	M40x1,5	22 - 32	18 - 27	60.5	9	50	5
m-seal EMC M50x1,5 30,0-38,0 1)	84201812	Silver	✓	M50x1,5	30 - 38	26 - 34	73	9	58	5
m-seal EMC M63x1,5 34,0-44,0 1)	84201814	Silver	✓	M63x1,5	34 - 44	30 - 40	59	14	64 / 68	5

1) With cURus- approval

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## Type m-seal EMC (EMV)

### Material properties



Fitting: Brass nickel-plated  
Sealing ring: Neoprene (CR) Brass nickel-plated  
Neoprene (CR)

### Thermal properties



Temperature / temperature range  
-40 °C - 100 °C / short term: 150 °C

### Protection class



Protection class  
IP68

### Fire properties



Fire classification  
acc. to UL94: V2 self-extinguishing

### Technical information



Halogen-free

### Conformity



RoHS (EC Directive 2011/65/EU)

### Approvals and operating permits



VDE approval



UL Type 4x



cULus approval



cURus approval



## Type m-seal EMC (EMV)

### Classification

ETIM 9: EC000441  
ECLASS 14: 27140801  
UNSPSC 26.0801: 39131711

### General technical data



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# Recommended torques for **murrplastik connectors, corrugated conduits and cable fittings**



## **holders, lock nuts and reducers**





Recommended torques for  
**murrplastik connectors, corrugated conduits and cable fittings,  
holders, lock nuts and reducers**

**Fastening with lock nut**

<b>Metric thread EN 60423</b>	<b>Connecting thread and lock nut made of polyamide</b>	<b>Connection thread and lock nut made of metal</b>
M12x1.5	2.0 Nm	5.0 Nm
M16x1.5	3.0 Nm	7.0 Nm
M20x1.5	4.0 Nm	8.0 Nm
M25x1.5	5.0 Nm	10.0 Nm
M32x1.5	6.0 Nm	12.0 Nm
M40x1.5	11.0 Nm	16.0 Nm
M50x1.5	15.0 Nm	17.0 Nm
M63x1.5	16.0 Nm	18.0 Nm

<b>Pg thread DIN 40430</b>	<b>Connecting thread and lock nut made of polyamide</b>	<b>Connection thread and lock nut made of metal</b>
Pg 7	2.0 Nm	4.0 Nm
Pg 9	2.5 Nm	4.0 Nm
Pg 11	3.5 Nm	6.0 Nm
Pg 13.5	4.0 Nm	7.0 Nm
Pg 16	4.5 Nm	8.0 Nm
Pg 21	7.5 Nm	10.0 Nm
Pg 29	9.0 Nm	13.0 Nm
Pg 36	14.0 Nm	15.0 Nm
Pg 42	15.0 Nm	16.0 Nm
Pg 48	16.0 Nm	17.0 Nm

**Please note the following information:**

- The specified tightening torques are maximum values and should not be exceeded.
- The values are based on measurements under normal climate conditions (23°C / 50% rel. humidity). During assembly and operation, the prevailing climatic conditions should also be taken into account, as these can affect the properties of the components.
- Please consider the properties of the other components with which the murrplastik elements are connected.
- Locking and sealing elements tightened with a lower torque provide better long-term strength.



## Recommended torques for **Screws and nuts**

Torques for screws and nuts	
Thread size	Torques
M4	2.0 Nm
M5	3.0 Nm
M6	4.0 Nm
M8	10.0 Nm
M10	15.0 Nm

### Product examples from our webshop range



**Series m-pro**

on to the product

[shop.murrplastik.de](https://shop.murrplastik.de)



**Series m-fix**

on to the product

[shop.murrplastik.de](https://shop.murrplastik.de)



**UHE Holder**

on to the product

[shop.murrplastik.de](https://shop.murrplastik.de)

More info at

[shop.murrplastik.de](https://shop.murrplastik.de)



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More info at

[murrplastik.de](https://murrplastik.de)