



## Type m-seal MV (metal version)



### Product information

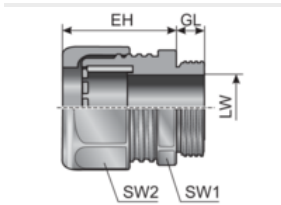
The m-seal cable fittings are made of nickel-plated brass and the sealing ring of neoprene. The fittings offer excellent strain relief and have a cap nut that is resistant to vibration.

m-seal cable fittings feature the following advantages:

- Large seal and clamping area
- With integrated strain relief
- High protection class IP 68
- Simple, fast assembly without special tools

\*Suitable locknut must be ordered separately.

### Information, conformities and approvals



Article	Order No.	Color	UV	Connecting thread	Clamping range (LW) mm	EH mm	GL mm	SW 1 / 2 mm	PU pcs.
m-seal MV M12x1,5 3,0-6,5 1)	84201600	Silver	✓	M12x1,5	3 - 6.5	21.5	6	14	50
m-seal MV M16x1,5 5,0-10,0 2)	84201602	Silver	✓	M16x1,5	5 - 10	25.3	7	20	50
m-seal MV M20x1,5 6,0-12,0 1)	84201604	Silver	✓	M20x1,5	6 - 12	25.4	8	22	50
m-seal MV M25x1,5 11,0-17,0 3)	84201606	Silver	✓	M25x1,5	11 - 17	31	8	27	25
m-seal MV M32x1,5 15,0-21,0 3)	84201608	Silver	✓	M32x1,5	15 - 21	33.5	8	34	10
m-seal MV M40x1,5 19,0-28,0 3)	84201610	Silver	✓	M40x1,5	19 - 28	42	9	43	10
m-seal MV M50x1,5 27,0-38,0 3)	84201612	Silver	✓	M50x1,5	27 - 38	50	9	58	5
m-seal MV M63x1,5 34,0-44,0 1)	84201614	Silver	✓	M63x1,5	34 - 44	52.3	14	64 / 68	5
m-seal MV PG07 3,0-6,5 1)	84201000	Silver	✓	PG 07	3 - 6.5	21.8	6	14	50
m-seal MV PG09 4,0-8,0 1)	84201002	Silver	✓	PG 09	4 - 8	22.6	6	17	50
m-seal MV PG11 5,0-11,0 1)	84201004	Silver	✓	PG 11	5 - 11	25.3	6	20	50



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m-seal MV PG13.5 6,0-12,0 1)	84201006	Silver	✓	PG 13,5	6 - 12	24.1	6.5	22	50
m-seal MV PG16 10,0-14,0 1)	84201008	Silver	✓	PG 16	10 - 14	27.5	6.5	24	25
m-seal MV PG21 13,0-18,0 1)	84201010	Silver	✓	PG 21	13 - 18	31.2	7.2	30	25
m-seal MV PG29 18,0-25,0 1)	84201012	Silver	✓	PG 29	18 - 25	39.3	8	40	10
m-seal MV PG36 22,0-32,0 1)	84201014	Silver	✓	PG 36	22 - 32	47.2	9	50	5
m-seal MV PG42 30,0-38,0 1)	84201016	Silver	✓	PG 42	30 - 38	47.7	12	58	5
m-seal MV PG48 34,0-44,0 1)	84201018	Silver	✓	PG 48	34 - 44	52	14	64	5
m-seal MV M12x1.5- L 3.0-6.5	84201400	Silver	✓	M12x1,5	3 - 6.5	21.5	12	14	50
m-seal MV M16x1.5- L 5.0-10.0	84201402	Silver	✓	M16x1,5	5 - 10	25.3	12	20	50
m-seal MV M20x1.5- L 6.0-12.0	84201404	Silver	✓	M20x1,5	6 - 12	25.4	12	22	50
m-seal MV M25x1.5- L 11.0-17.0	84201406	Silver	✓	M25x1,5	11 - 17	31	12	27	25
m-seal MV M32x1.5- L 15.0-21.0	84201408	Silver	✓	M32x1,5	15 - 21	33.5	15	34	10
m-seal MV M40x1.5- L 19.0-28.0	84201410	Silver	✓	M40x1,5	19 - 28	42	15	43	10
m-seal MV M50x1.5- L 27.0-38.0	84201412	Silver	✓	M50x1,5	27 - 38	50	15	58	5
m-seal MV M63x1.5- L 34.0-44.0	84201414	Silver	✓	M63x1,5	34 - 44	52.3	15	64 / 68	5
m-seal MV PG07-L 3,0-6,5	84201200	Silver	✓	PG 07	3 - 6.5	21.8	10	14	50
m-seal MV PG09-L 4,0-8,0	84201202	Silver	✓	PG 09	4 - 8	22.6	10	17	50
m-seal MV PG11-L 5,0-11,0	84201204	Silver	✓	PG 11	5 - 11	25.3	10	20	50
m-seal MV PG13.5- L 6,0-12,0	84201206	Silver	✓	PG 13,5	6 - 12	24.1	10	22	50
m-seal MV PG16-L 10,0-14,0	84201208	Silver	✓	PG 16	10 - 14	27.5	10	24	25
m-seal MV PG21-L 13,0-18,0	84201210	Silver	✓	PG 21	13 - 18	31.2	12	30	20
m-seal MV PG29-L 18,0-25,0	84201212	Silver	✓	PG 29	18 - 25	39.3	12	40	10
m-seal MV PG36- L 22,0-32,0	84201214	Silver	✓	PG 36	22 - 32	47.2	14	50	5
m-seal MV PG42-L 30,0-38,0	84201216	Silver	✓	PG 42	30 - 38	47.7	16	58	5



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Article	Order No.	Color	UV	Connecting thread	Clamping range (LW) mm	EH mm	GL mm	SW 1 / 2 mm	PU pcs.
m-seal MV PG48-L 34,0-44,0	84201218	Silver	✓	PG 48	34 - 44	52	18	64	5

1) With CSA approval  
2) With CSA- and cURus- approval  
3) With CSA- and cULus- approval

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### 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



CSA approval



UL Type 4x



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### Approvals and operating permits



cULus approval



cURus approval

### Classification

ETIM 9: EC000441  
ECLASS 14: 27140801

### 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

Metric thread EN 60423	Connecting thread and lock nut made of polyamide	Connection thread and lock nut made of metal
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

Pg thread DIN 40430	Connecting thread and lock nut made of polyamide	Connection thread and lock nut made of metal
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)