



## Type m-seal MV (metal version)



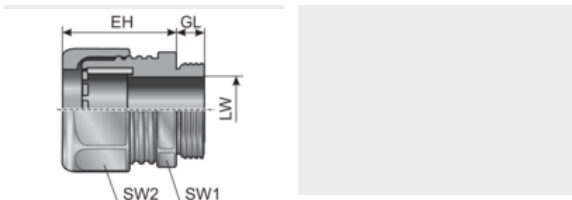
### Product information

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- L22,0-32,0	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**

<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)