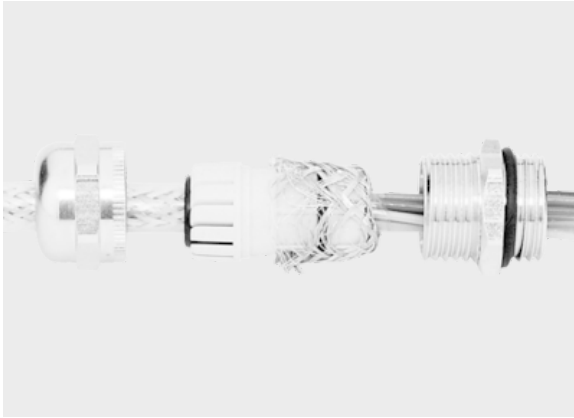




Type WKM-EMV (metal versions)



Product information

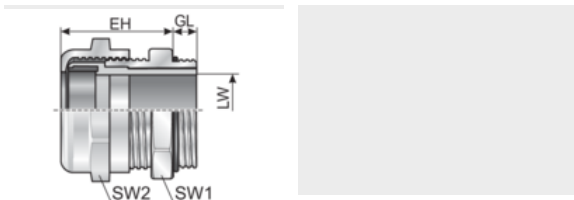
The WKM/EMV cable fittings are made of nickel-plated brass and specially modified polyamide, and the seals of NBR. The materials are halogen, phosphor and cadmium-free. Shielded cables can be connected to earth potential using this cable fitting. The cable's braiding makes contact with the metal body, discharge the sheath currents.

The WKM/EMV cable fittings feature the following advantages:

- Large clamping range
- Very high protection class
- Easy to assemble
- Simple contacting
- Type OR O-ring included in delivery

*Suitable locknut must be ordered separately.

Information, conformities and approvals



Article	Order No.	Color	Connecting thread	Clamping range (LW) mm	EH mm	GL mm	SW 1 / 2 mm	PU pcs.
WKM/EMV M12x1,5 1)	84125210	Silver	M12x1,5	3 - 6.5	19	5	14 / 14	50
WKM/EMV M16x1,5 1)	84125212	Silver	M16x1,5	6 - 10	22	6	20 / 20	50
WKM/EMV M20x1,5 2)	84125214	Silver	M20x1,5	10 - 14	23	6	24 / 24	50
WKM/EMV M25x1,5 2)	84125216	Silver	M25x1,5	14 - 18	24	7	30 / 30	25
WKM/EMV M32x1,5 2)	84125218	Silver	M32x1,5	20 - 25	31	8	40 / 40	25
WKM/EMV M40x1,5 2)	84125220	Silver	M40x1,5	22 - 32	37	8	50 / 50	10
WKM/EMV M50x1,5 2)	84125222	Silver	M50x1,5	32 - 38	37	9	57	5
WKM/EMV M63x1,5 2) 1**)	84125224	Silver	M63x1,5	37 - 44	38	10	64 / 68	5
WKM/EMV PG07 1)	84122010	Silver	PG 07	3 - 6.5	19	5	14 / 14	50
WKM/EMV PG09 1)	84122012	Silver	PG 09	4 - 8	21	6	17 / 17	50
WKM/EMV PG11 1)	84122014	Silver	PG 11	6 - 10	22	6	20 / 20	50
WKM/EMV PG13.5 2)	84122016	Silver	PG 13,5	6 - 12	24	6.5	22 / 22	50
WKM/EMV PG16 2)	84122018	Silver	PG 16	10 - 14	23	6.5	24 / 24	50



Type WKM-EMV (metal versions)

Article	Order No.	Color	Connecting thread	Clamping range (LW) mm	EH mm	GL mm	SW 1 / 2 mm	PU pcs.
WKM/EMV PG21 2)	84122020	Silver	PG 21	14 - 18	24	7	30 / 30	25
WKM/EMV PG29 2)	84122022	Silver	PG 29	20 - 25	29	8	40 / 40	25
WKM/EMV PG36 2) 1**)	84122024	Silver	PG 36	22 - 32	35	8	50 / 50	10
WKM/EMV PG42 2) 1**)	84122026	Silver	PG 42	32 - 38	37	9	57 / 57	5
WKM/EMV PG48 2) 1**)	84122028	Silver	PG 48	37 - 44	38	10	64 / 64	5

1) With cURus- approval
2) With cULus- approval

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

1) With cURus- approval
2) With cULus- approval

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

Material properties



Fitting: Brass nickel-plated
Clamping ring mod. polyamide PA 6
Moulded seal: NBR Brass nickel-plated
mod. polyamide PA 6
NBR

Thermal properties



Temperature / temperature range
-40 °C - 100 °C / short term: 120 °C

Protection class



Protection class
IP68 with additional O-ring type OR to 10 bar

Fire properties



Fire classification
acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2
C.I.T. R22 / R23 HL3 :12:43 AM NF X 70-100-1/-2 600°C (1112 °F)
LOI R22 / R23 HL3 :33.8 ISO 4589-2
Ds (max.) R22 / R23 HL3 :63 ISO 5659-2 (25 KW/m²)



Type WKM-EMV (metal versions)

Chemical resistances



Resistant to:

Alcohol
Greases
Fuels
Mineral oils

Technical information



Halogen-free

Conformity



RoHS (EC Directive 2011/65/EU)

Approvals and operating permits



EU railway approval



CSA approval



VDE approval



cULus approval



cURus approval

Classification

ETIM 9: EC000441
ECLASS 14: 27140801

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



Series m-fix

on to the product

shop.murrplastik.de



UHE Holder

on to the product

shop.murrplastik.de

More info at

shop.murrplastik.de



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More info at

murrplastik.de