Type KV-ME (multi-insert)

Product information

The KV-ME multi-insert can be used both in WKK cable fittings and in WKM cable fittings.
The KV-ME multi-insert can be used to route several cables through one fitting. The fitted seal insert in the cable fitting is simply swapped for the KV-ME multi-insert during assembly. Please note that the cable diameter may be up to 20% less than the diameter of the hole, but must not undershoot the hole diameter by less than 1 mm.

The KV-ME multi-inserts feature the following advantages:

- Variable
- More cables through one fitting
- High protection class

NOT suitable for the m-seal cable fittings.

Information, conformities and approvals

RoHS

Article	Order No.	Color	No. Openings	Diameter mm	Suitable for metric	Suitable for PG	Suitable for NPT	PU pcs.
KV-ME M16/ PG09-4x1,4	8358221000	White	4	1.4	M16x1,5	PG 09	3/8"	50
KV-ME M16/PG09-2x3	8358221200	White	2	3	M16x1,5	PG 09	3/8"	50
KV-ME M20/ PG13.5-2x5	8358222000	White	2	5	M20x1,5	PG 13,5	1/2"	50
KV-ME M20/ PG13.5-3x2	8358222200	White	3	2	M20x1,5	PG 13,5	1/2"	50
KV-ME M20/ PG13.5-3x4	8358222400	White	3	4	M20x1,5	PG 13,5	1/2"	100
KV-ME M20/ PG13.5-6x3	8358222600	White	6	3	M20x1,5	PG 13,5	1/2"	50
KV-ME PG11-2x3	8358221400	White	2	3		PG 11		50
KV-ME PG11-2x4	8358221600	White	2	4		PG 11		50
KV-ME PG11-3x3	8358221800	White	3	3		PG 11		50
KV-ME PG16-2x6	8358222800	White	2	6		PG 16		50
KV-ME PG16-3x3 1)	8358223000	White	3	3		PG 16		50
KV-ME PG16-3x4	8358223200	White	3	4		PG 16		50
KV-ME PG16-3x5.6	8358223400	White	3	5.6		PG 16		50

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KV-ME PG16-4x4	8358223600	White	4	4		PG 16		50
KV-ME PG16-5x4 1)	8358223800	White	5	4		PG 16		50
KV-ME PG16-6x4	8358224000	White	6	4		PG 16		50
KV-ME M25/PG21-2x8	8358224200	White	2	8	M25x1,5	PG 21	3/4"	50
KV-ME M25/PG21-3x7	8358224400	White	3	7	M25x1,5	PG 21	3/4"	50
KV-ME M25/PG21-4x6	8358224600	White	4	6	M25x1,5	PG 21	3/4"	50
KV-ME M32/ PG29-6x6,5	8358224800	White	6	6.5	M32x1,5	PG 29		50
KV-ME M32/PG29-4x9	8358225000	White	4	9	M32x1,5	PG 29		50
KV-ME M40/PG36 blind	8358228400	White			M40x1,5	PG 36	1 1/2"	25

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

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Material properties

Elastomer

Thermal properties

Temperature / temperature range

-40 °C – 100 °C / short term: 120 °C

Protection class

Protection class

IP65

Conformity

RoHS (EC Directive 2011/65/EU)

Classification

ETIM 9: EC000879
ECLASS 14: 27144425
UNSPSC 26.0801: 39121719

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All details given in our sales brochures 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.
A legally binding assurance of certain properties or the suitability for a certain purpose can not be determined from this information.
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Recommended torques for **murrplastik connectors, corrugated conduits and cable fittings**

holders, lock nuts and reducers

murrplastik®
Simply Smart Systems

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

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