



Type WKK/Ex (plastic version)



Product information

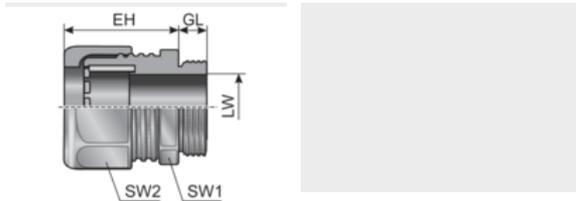
The WKK-Ex cable fittings are made of specially modified polyamide and the form seals of NBR. The materials are halogen, phosphor and cadmium-free.

The WKK-Ex cable fittings feature the following advantages:

- Easy to assemble
- Approved for areas at risk of explosion
- Large clamping range

*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.
WKK/EX M12x1,5 3-6,5	84101352	Black	✓	M12x1,5	3 - 6.5	15	15	15	50
WKK/EX M16x1,5 4-8	84101354	Black	✓	M16x1,5	4 - 8	22	15	19	50
WKK/EX M16x1,5 5-10	84101356	Black	✓	M16x1,5	5 - 10	25	15	22	50
WKK/EX M20x1,5 6-12	84101358	Black	✓	M20x1,5	6 - 12	27	15	24	50
WKK/EX M20x1,5 10-14	84101360	Black	✓	M20x1,5	10 - 14	28	15	27	50
WKK/EX M25x1,5 13-18	84101362	Black	✓	M25x1,5	13 - 18	31	15	33	50
WKK/EX M32x1,5 18-25	84101364	Black	✓	M32x1,5	18 - 25	39	15	42	25
WKK/EX M40x1,5 22-32	84101366	Black	✓	M40x1,5	22 - 32	48	18	53	10
WKK/EX M50x1,5 32-38	84101368	Black	✓	M50x1,5	32 - 38	49	18	60	5
WKK/EX M63x1,5 37-44	84101370	Black	✓	M63x1,5	37 - 44	49	18	65 / 68	5



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Material properties



Fitting: mod. polyamide PA 6
Moulded seal: Perbunan (NBR) mod. polyamide PA 6
Perbunan (NBR)

Thermal properties



Temperature / temperature range
-20 °C - 85 °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

Chemical resistances



Resistant to:
Alcohol
Greases
Fuels
Mineral oils

Technical information



Halogen-free



UV-resistant acc. to ISO 4892-2

Conformity



RoHS (EC Directive 2011/65/EU)



CE (EU Directive 765/2008)

Approvals and operating permits





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Approvals and operating permits



EX approval



IECEX approval

Classification

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

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