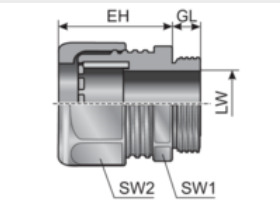
Type WKK/Ex (plastic version)



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

Type WKK/Ex (plastic version)

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

Type WKK/Ex (plastic version)

Approvals and operating permits

EX approval

IECEx approval

Classification

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

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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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More info at **murrplastik.de**