



## Type WKM-FDA (metal versions)



### Product information

The WKM/FDA cable fitting is suitable for use in all areas where the accumulation of microorganisms and dirt must be avoided, for example in the pharmaceutical, food and chemical industries, as well as in biotechnology and cleanroom technology.

The WKM/FDA cable fitting features the following advantages:

- Hygienic Design
- FDA compliant
- EHEDG
- High temperature resistance

\*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/FDA M12x1,5	84241000	Silver	M12x1,5	5 - 6.5	19	6	14 / 14	10
WKM/FDA M16x1,5s	84241004	Silver	M16x1,5	6 - 7.5	20	6	19 / 21	5
WKM/FDA M16x1,5	84241006	Silver	M16x1,5	7.5 - 10	20	6	19 / 21	5
WKM/FDA M20x1,5s	84241010	Silver	M20x1,5	9 - 12	22.5	6	24 / 27	5
WKM/FDA M20x1,5	84241012	Silver	M20x1,5	11 - 13.5	22.5	6	24 / 27	5
WKM/FDA M25x1,5s	84241016	Silver	M25x1,5	14 - 16	23.5	7	30 / 30	5
WKM/FDA M25x1,5	84241018	Silver	M25x1,5	15 - 18	23.5	7	30 / 30	5
WKM/FDA M32x1,5s	84241022	Silver	M32x1,5	18 - 21	26.5	8	36 / 36	5
WKM/FDA M32x1,5	84241024	Silver	M32x1,5	21 - 25	26.5	8	36 / 36	5

### Material properties



Fitting: Stainless steel 1.4404  
Moulded seal: Silicone Stainless steel 1.4404  
Silicone



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### Thermal properties



Temperature / temperature range

-40 °C - 100 °C / short term: 120 °C

### Protection class



Protection class

IP66

IP68 up to 10 bar

IP69K

### Chemical resistances



Resistant to:

Alcohol

Greases

Fuels

Mineral oils

### Approvals and operating permits



FDA compliance

### 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**





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**



**Series m-fix**



**UHE Holder**

on to the product

[shop.murrplastik.de](http://shop.murrplastik.de)

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