

# G-ESIS-M50-L68L-PEPDS-BK - Cable gland



1415112

<https://www.phoenixcontact.com/us/products/1415112>

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Cable gland, material for screw connection: PA, application: Ex, external cable diameter 23 mm .  
.. 35 mm, shielding: no, connecting thread: M50 x 1.5, color: jet black, with flat gasket

## Product description

Cable gland, with flat gasket

## Your advantages

- Glow-wire test: 750°C
- Weatherproof sealing material
- Halogen-free

## Commercial data

Item number	1415112
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF68
Product key	AF7DDX
GTIN	4055626037745
Weight per piece (including packing)	128.7 g
Weight per piece (excluding packing)	128.7 g
Customs tariff number	39269097
Country of origin	DE

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## Technical data

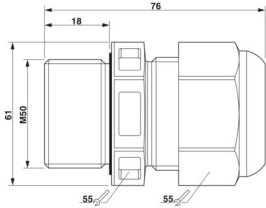
### Product properties

Product type	Cable screw gland
Application	Ex
No. of conductors	1
Manufacturer	WISKA
Manufacturer Designation	ESKE/1-L-e 50
Shielded	no

### Ex data

Cable types that can be used	for unarmored cables
Suited for EX-applications	yes

### Dimensions

Dimensional drawing	
Length	76 mm
Length of the connecting thread	18 mm
Hole diameter	50.1 mm ... 50.3 mm
Wrench size, union nut	55 mm
Wrench size, support	55 mm
Hexagon angular dimension	61 mm
Thread type connection side	M50 x 1.5
Thread pitch	1.5 mm

### Connection data

Tightening torque	13 Nm (Support sleeve)
	12 Nm (Cap nut)

### Material specifications

Color	black (RAL 9005)
Material Screw connection	PA (Screw connection, halogen-free)
Seal material Cable seal	EPDM
Glow wire ignition temperature GWIT according to EN 60695-2-13	750
Material for screw connection	PA

### Cable/line

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External cable diameter	23 mm ... 35 mm
Halogen-free	yes

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP66
	IP68 (5 bar / 0.5 h)
Ambient temperature (operation)	-40 °C ... 75 °C (static)

## Approvals

ATEX	II 2 G Ex e IIC Gb, II 2 D Ex tb IIIC Db
IECEX	Ex e IIC Gb, Ex tb IIIC Db

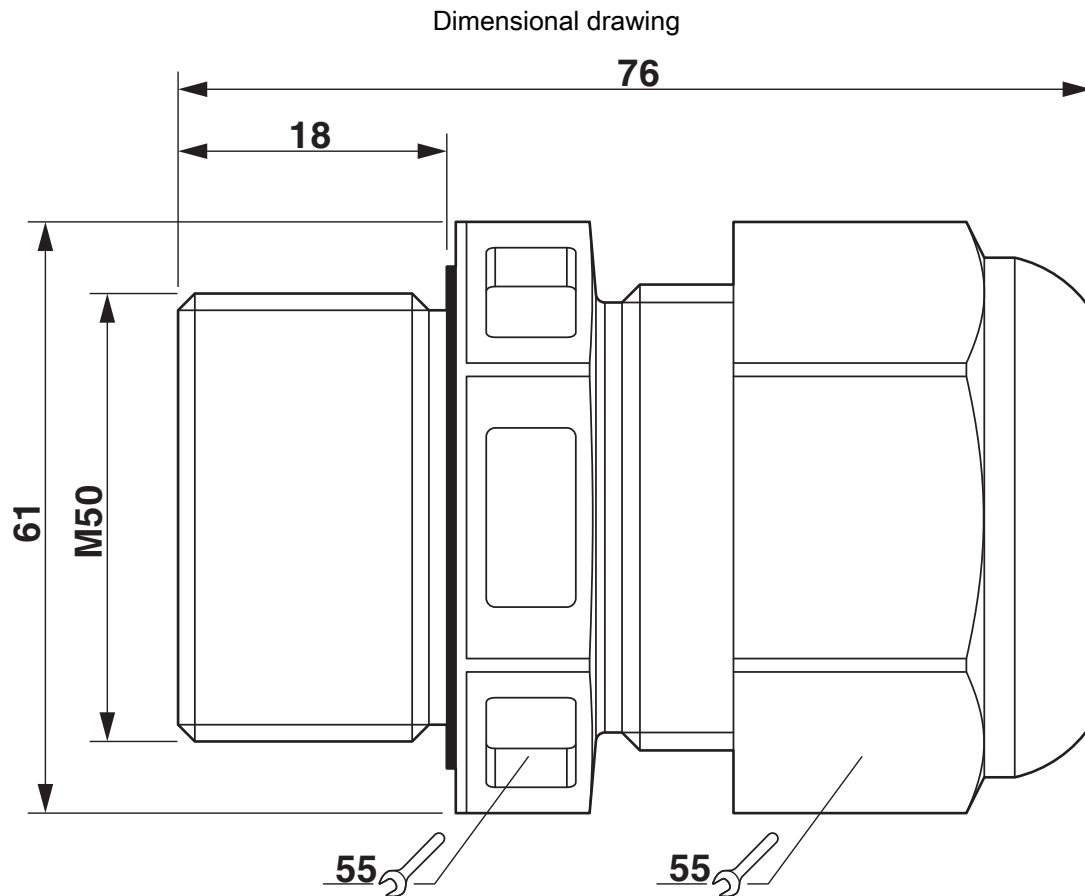
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## Drawings



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1415112>



**EAC Ex**

Approval ID: RU C-DE.HA67.B.00120



**IECEX**

Approval ID: IECEX PTB 13.0034X



**ATEX**

Approval ID: PTB 13 ATEX 1015 X



**DNV GL-EX**

Approval ID: TAE00002SV

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## Classifications

### ECLASS

ECLASS-13.0	27140802
ECLASS-15.0	27140802

### ETIM

ETIM 10.0	EC000441
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### UNSPSC

UNSPSC 21.0	39121300
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	1.75 kg CO2e
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