

# G-INB-M16-S68N-PEPDS-BK - Cable gland



1415178

<https://www.phoenixcontact.com/us/products/1415178>

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 4.5 mm ... 10 mm, shielding: no, connecting thread: M16 x 1.5, color: jet black RAL 9005, with bend protection sleeve

## Your advantages

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

## Commercial data

Item number	1415178
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF68
Product key	AF7DEX
GTIN	4055626038094
Weight per piece (including packing)	15.07 g
Weight per piece (excluding packing)	14.39 g
Customs tariff number	39269097
Country of origin	DE

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## Technical data

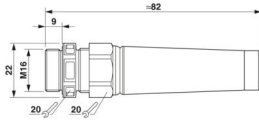
### Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Manufacturer	WISKA
Manufacturer Designation	ESKVS 16
Shielded	no
Execution of the strain relief	A

### Characteristics

Category of shock impact	2
Design, Strain relief	A

### Dimensions

Dimensional drawing	
Length	82 mm
Length of the connecting thread	9 mm
Hole diameter	16.1 mm ... 16.2 mm
Wrench size, union nut	20 mm
Wrench size, support	20 mm
Hexagon angular dimension	22 mm
Thread type connection side	M16 x 1.5
Thread pitch	1.5 mm

### Connection data

Tightening torque	1.5 Nm (Union nut: EN 62444)
	3.5 Nm (Support: EN 62444)

### Material specifications

Color	black (RAL 9005)
Material	PA (Screw connection, halogen-free)
Seal material	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 Cable 1	4.5 mm ... 10 mm
External cable diameter	6 mm ... 8.6 mm (for UL 514 B)
Halogen-free	yes

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP68 (5 bar / 0.5 h) IP69 (DIN EN 60529 / IEC 60529)
Ambient temperature (operation)	-40 °C ... 100 °C (static)

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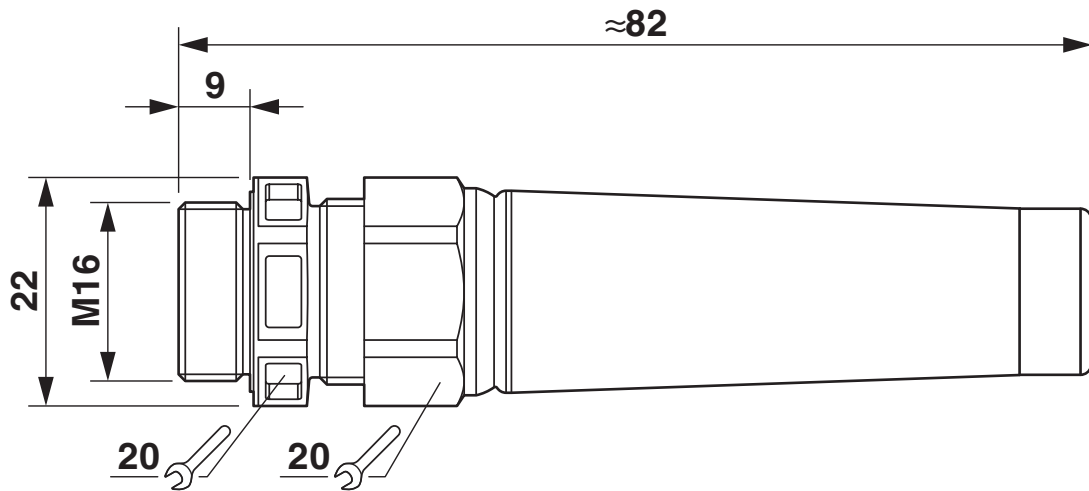


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## Drawings

Dimensional drawing



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1415178>



**cUL Recognized**  
Approval ID: E179850



**UL Recognized**  
Approval ID: E179850



**GOST-R**  
Approval ID: POCC DE.A\*98.H12052

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## Classifications

### ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

### 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	0.068 kg CO2e
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