

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



1415178

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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	BF7
Product key	AF7DEX
Catalog page	Page 696 (C-2-2019)
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

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



1415178

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

Technical data

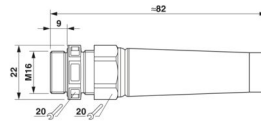
Product properties

Product type	Cable screw gland
Application	Standard
No. of conductors	1
Type	with bend protection sleeve
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

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



1415178

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

Cable/line

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)

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

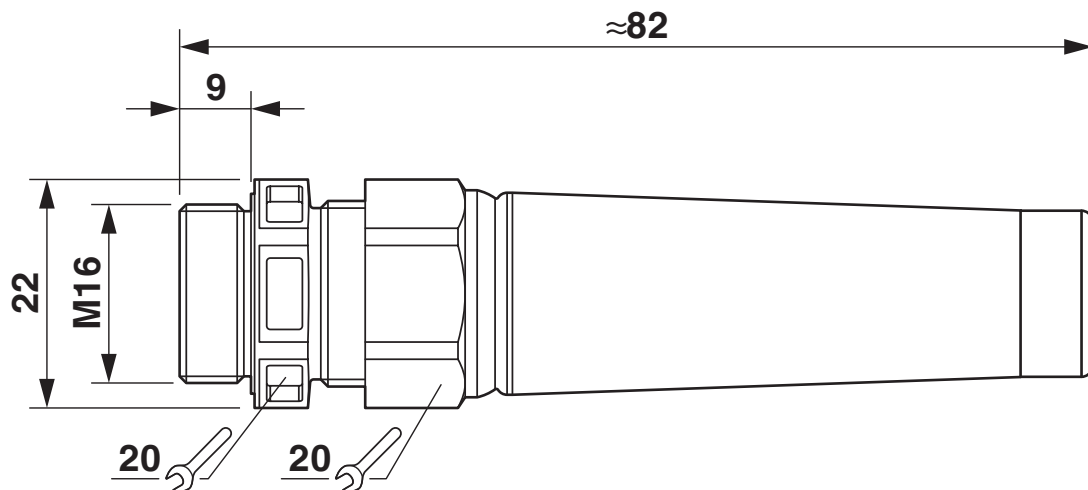


1415178

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

Drawings

Dimensional drawing



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



1415178

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

Approvals

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



cUL Recognized

Approval ID: E179850



UL Recognized

Approval ID: E179850



GOST-R

Approval ID: POCC DE.A*98.H12052

cULus Recognized

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



1415178

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

Classifications

ECLASS

ECLASS-11.0	27144432
ECLASS-12.0	27140801
ECLASS-13.0	27140801

ETIM

ETIM 9.0	EC000441
----------	----------

UNSPSC

UNSPSC 21.0	39121300
-------------	----------

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



1415178

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

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
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%

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

1415178

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



Accessories

A-INL-M16-P-BK - Counter nut

1411214

<https://www.phoenixcontact.com/in/products/1411214>

Counter nut, for threads M16 x 1.5, color: jet black



Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.
A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420
info@phoenixcontact.co.in