

# G-INS-N3/8-S68L-PNES-BK - Cable gland



1411156

<https://www.phoenixcontact.com/us/products/1411156>

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Cable gland, material for screw connection: PA, application: Standard, external cable diameter 5 mm ... 10 mm, shielding: no, connecting thread: 3/8" NPT, color: jet black RAL 9005

## Your advantages

- Plastic material conforms to UL 746C f1

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1411156       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BF68          |
| Product key                          | AF7DCX        |
| GTIN                                 | 4046356922920 |
| Weight per piece (including packing) | 10.6 g        |
| Weight per piece (excluding packing) | 10.16 g       |
| Customs tariff number                | 39269097      |
| Country of origin                    | TR            |

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## Technical data

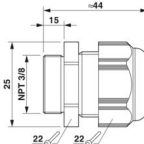
### Mounting

|               |   |
|---------------|---|
| Assembly note | 1) Mount screw connection support in the housing using the correct torque 2) Insert cable 3) Tighten union nut using the correct torque |
|---------------|---|

### Product properties

|                          |                   |
|--------------------------|-------------------|
| Product type             | Cable screw gland |
| Application              | Standard          |
| No. of conductors        | 1                 |
| Manufacturer             | BIMED             |
| Manufacturer Designation | BSPA-21           |
| Shielded                 | no                |

### Dimensions

|                                 |  |
|---------------------------------|--|
| Dimensional drawing             |  |
| Length                          | 44 mm  |
| Length of the connecting thread | 15 mm  |
| Wrench size, union nut          | 22 mm  |
| Wrench size, support            | 22 mm  |
| Hexagon angular dimension       | 25 mm  |
| Thread type connection side     | 3/8" NPT   |

### Connection data

|                   |                             |
|-------------------|-----------------------------|
| Tightening torque | 2 Nm $\pm$ 0.5 Nm (Cap nut) |
|                   | 1 Nm (Support sleeve)       |

### Material specifications

|  |                  |
|--|------------------|
| Color                                  | black (RAL 9005) |
| Material Housing                       | PA (Housing)     |
| Flammability rating according to UL 94 | V2               |
| Seal material Cable seal               | CR               |
| Material for screw connection          | PA               |

### Cable/line

|                         |                               |
|-------------------------|-------------------------------|
| External cable diameter | 5 mm ... 10 mm                |
|                         | 5 mm ... 10 mm (for UL 514 B) |
| Halogen-free            | no                            |

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1411156

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## Environmental and real-life conditions

### Ambient conditions

|                                 |                            |
|---------------------------------|----------------------------|
| Degree of protection            | IP68 (5 bar / 0.5 h)       |
|                                 | IP66                       |
| Ambient temperature (operation) | -40 °C ... 100 °C (static) |

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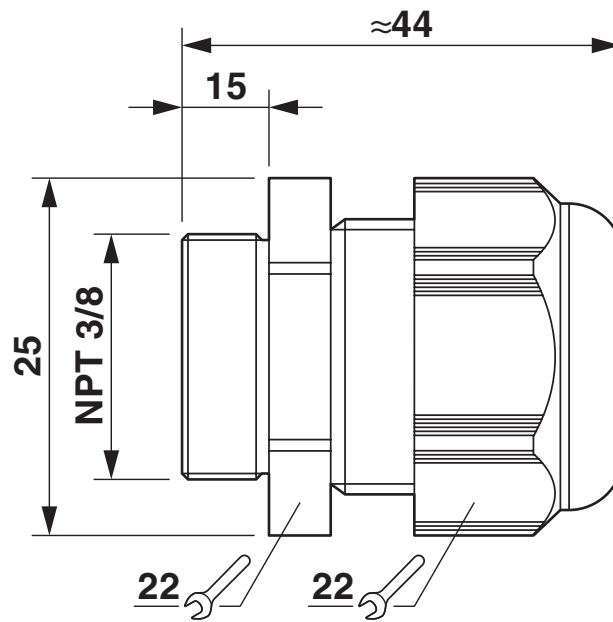
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## Drawings

Dimensional drawing



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411156>



**cUL Recognized**  
Approval ID: E199260



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27140801 |
| ECLASS-15.0 | 27140801 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000441 |
|-----------|----------|

### UNSPSC

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

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## 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% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.078 kg CO2e |
|---------|---------------|

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)