

# HC-B-TA-NPT-1/1-PLR-BK - Adapter

1414253

<https://www.phoenixcontact.com/us/products/1414253>



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Plastic thread adapter with bayonet lock, for EVO housing series B, NPT 1/1" thread



## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1414253       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF57          |
| Product key                          | AF7APL        |
| GTIN                                 | 4055626022161 |
| Weight per piece (including packing) | 25.3 g        |
| Weight per piece (excluding packing) | 24.3 g        |
| Customs tariff number                | 85389099      |
| Country of origin                    | PL            |

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## Technical data

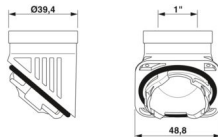
### Product properties

|              |                 |
|--------------|-----------------|
| Product type | Thread adapter  |
| Application  | Bayonet B - NPT |
| Shielded     | no              |

### Connection data

|                   |           |
|-------------------|-----------|
| Tightening torque | ... 12 Nm |
|-------------------|-----------|

### Dimensions

|                          |                                                                                    |
|--------------------------|------------------------------------------------------------------------------------|
| Dimensional drawing      |  |
| Thread type on seal side | 1"-NPT                                                                             |

### Internal dimensions

|                           |       |
|---------------------------|-------|
| Length of internal thread | 15 mm |
|---------------------------|-------|

### Material specifications

|                                        |     |
|----------------------------------------|-----|
| Flammability rating according to UL 94 | V0  |
| Seal material                          | NBR |
| Housing material                       | PA  |

### Cable/line

|                         |                              |
|-------------------------|------------------------------|
| External cable diameter | depending on the cable gland |
|-------------------------|------------------------------|

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP66              |
| Ambient temperature (operation) | -40 °C ... 100 °C |

### Mounting

|               |                                                                                                                                                                                                                                                                 |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assembly note | Bayonet locking max. 3x can be removed<br><br>The plastic thread adapter does not establish an electrical connection between the cable gland and connector housing. For this reason, only plastic cable protection systems or plastic cable glands may be used. |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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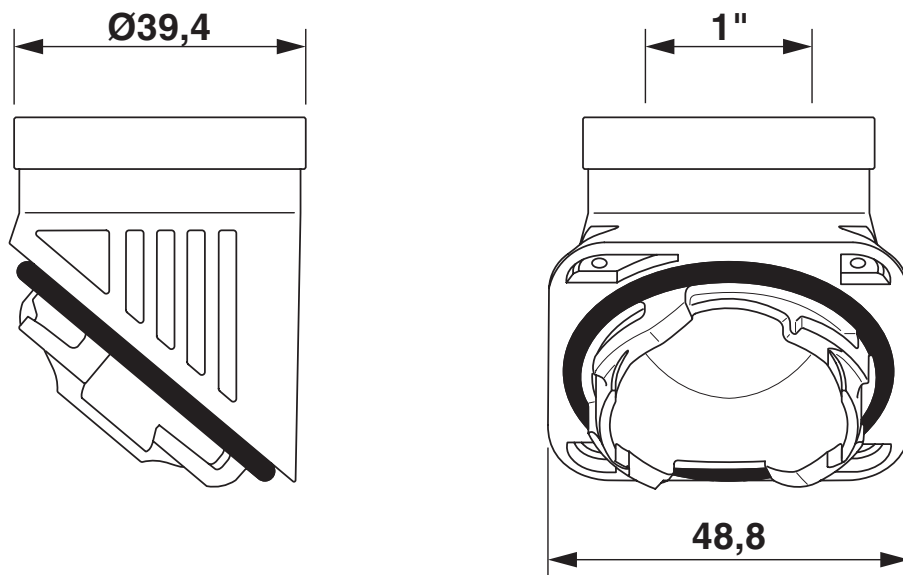
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1414253>

**DNV**  
Approval ID: TAE000037S

**cUL Recognized**  
Approval ID: E255026

**UL Recognized**  
Approval ID: E255026

**EAC**  
Approval ID: RU C-DE.AI30.B.01102

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## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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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% |
|-------------------------------------|----------------------------|

### EF3.0 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.281 kg CO2e |
|---------|---------------|

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