

# HC-B-G-M25-ER-AL - Cable gland



1411443

<https://www.phoenixcontact.com/us/products/1411443>

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EVO metal cable gland with bayonet locking, B series, size M25, cable diameter: 11 - 16 mm

## Commercial data

Item number	1411443
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF57
Product key	BF7APM
Catalog page	Page 573 (C-4-2015)
GTIN	4046356932424
Weight per piece (including packing)	80.1 g
Weight per piece (excluding packing)	79.5 g
Customs tariff number	85389099
Country of origin	DE

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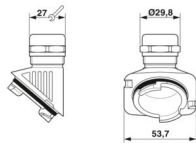
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## Technical data

### Product properties

Product type	Cable gland with bayonet locking
Application	for greater strain relief
No. of conductors	1
Type of the screw connection	M25
Shielded	no

### Dimensions

Dimensional drawing	
Wrench size, union nut	27 mm

### Material specifications

Color	aluminum
Material Pressure screw	Brass, nickel-plated
Seal material O-ring	NBR
Seal material Cable seal	NBR
Housing material	Die-cast aluminum, corrosion resistant
Material for screw connection	Aluminum

### Cable/line

External cable diameter Cable 1	11 mm ... 16 mm
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### Mechanical properties

#### Mechanical data

Type of the screw connection	M25
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP66
	IP67
Enclosure rating (NEMA)	4 (UL 50e)
	4X (UL 50e)
	12 (UL 50e)
Ambient temperature (operation)	-40 °C ... 125 °C (static)

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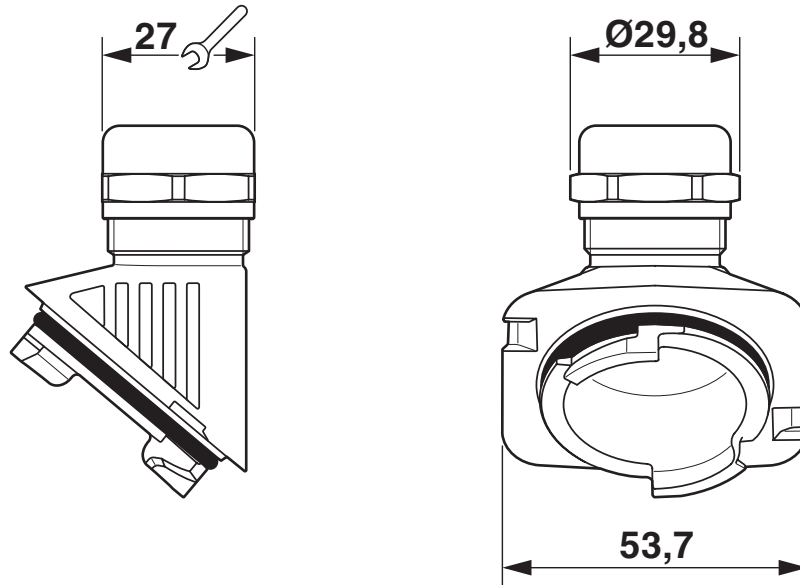
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1411443>

**DNV**  
Approval ID: TAE000037S

**cUL Recognized**  
Approval ID: E255026

**UL Recognized**  
Approval ID: E255026

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

**EAC-RoHS**  
Approval ID: RU D-DE.HB35.B.00387

**cULus Recognized**

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## Classifications

### ECLASS

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

### ETIM

ETIM 9.0	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
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	c346d8d5-7d23-4f23-b468-6892e199de2f

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