

# HC-M-KV-Z-M20 - Cable gland



1646146

<https://www.phoenixcontact.com/us/products/1646146>

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Metal screw connection with strain relief clamp, thread length: 6 mm, cable sealing area: 7.5 - 15 mm, clamping area: 11 - 17 mm, SW 24, screw connection: M20



## Commercial data

Item number	1646146
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF68
Product key	AF7DFX
GTIN	4017918941284
Weight per piece (including packing)	57.13 g
Weight per piece (excluding packing)	57.13 g
Customs tariff number	74153300
Country of origin	DE

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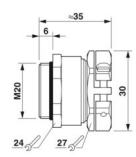
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## Technical data

### Product properties

Product type	Cable screw gland
No. of conductors	1
Shielded	no

### Dimensions

Dimensional drawing	
Length	35 mm
Length of the connecting thread	6 mm
Length without connecting thread	29 mm
Diameter	20 mm
Connecting thread diameter	20 mm
Wrench size, union nut	27 mm
Wrench size, support	24 mm
Clamping range of the strain relief clip	11.00 mm ... 15.00 mm
Hexagon angular dimension	30 mm
Thread type connection side	M20 x 1.5
Thread pitch	1.5 mm

### Connection data

Tightening torque	12 Nm (Support sleeve)
	8 Nm (Union nut)

### Material specifications

Seal material O-ring	NBR
Seal material Cable seal	Perbunan
Material for screw connection	Brass, nickel-plated

### Cable/line

External cable diameter Cable 1	7.5 mm ... 15 mm
Halogen-free	no

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-20 °C ... 80 °C (static)

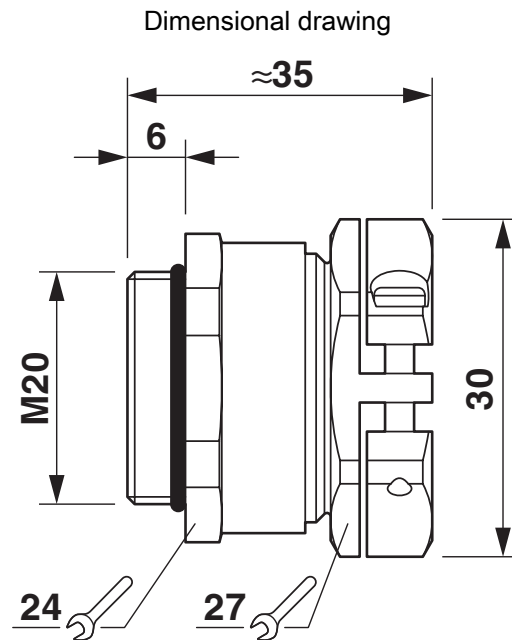
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## Drawings



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## Classifications

### ECLASS

ECLASS-13.0	27140801
ECLASS-15.0	27140801

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