

**SKINDICHT® MINI M6X1 NBR****Article No.:** 52001860

Cable gland; M 6; Clamping range (min./max.): 0.079 - 0.118 in; Wrench width 1: 0.354;  
Brass Nickel-plated; Halogen-free; UV-resistant; IP 68 - 5 g/cm<sup>2</sup> (30 min), IP 66;

**CE****Details****Benefits**

- Its very small size makes it ideal for applications with limited space, to achieve a high packing density.
- Suitable for particularly thin cables with outer diameters from 2.0 to 7.0 mm (0.08 to 0.27 in).
- Gentle cable clamping due to high elasticity of the sealing insert material.
- The best possible sealing enables protection class IP 68 (5 bar).

**Application**

- For sealing and strain relieving cable insertion into a housing.
- Can be used in dry, wet and especially in harsh and oily environments.

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- Withstands high mechanical stress.
  - Suitable for outdoor use.

**Notes**

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

**Remarks**

## Technical Data

**General information**

Brand	SKINDICHT®
Product type	Cable gland
Scope of delivery	including O-ring
Delivery with lock nut	No
Including o-ring	Yes
Type of packaging	Bag
Delivery Unit	50
Mounting method	in threaded borehole
Industry segment	Energy Ships & boats

**Electrical parameters****Product design**

For armored cables	No
Glass-fibre reinforced	No
Number of cable entries	1 pc.
With bending protection	No

Cable gland design	Straight
Total length	0.776 in
Clear width	0.118 in
Thread type	Metric
Thread size	M 6
Pitch of thread	1
Thread length	0.197 in
Spanner size 1	0.354 in
Wrench size 2	0.354 in
Hexagon corner dimensions	0.409 in
Clamping range min.	0.079 in
Clamping range max.	0.118 in
EMC shielding	No
Seal type	Conduit Sealing Ring
Thread-side sealing element	O-ring
Cable-side sealing element	Conduit Sealing Ring
Material o-ring	Acrylonitrile butadiene rubber
O-ring material, short form	NBR
Material sealing	Chloroprene rubber
Body material	Brass
Body material, short form	CuZn
Surface protection	Nickel-plated
Colour description	metal

#### Product features

IP protection rating	IP 68 - 5 g/cm <sup>2</sup> (30 min) IP 66
Suitable for EX-applications	No
Temperature static min.	-20 °C
Max. static temperature	100 °C
Temperature (min.)	-20 °C
Max. temperatur	100 °C
Flame-retardant	Yes
UV-resistant	Yes

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Halogenfree	Yes
Oil resistant	Yes
Impact proof	No
Vibration protection	No
Strain relief	Yes

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**Certifications and standards**

CE marking	Yes
UL recognized	No
UL listed	No
cUR recognized	No
cUL listed	No
CSA certified	No
VDE certified	No
For Ex zone gas	without
For Ex-zone dust	without
GGVS certified	No
DNV-certified	No
Tested for fire protection for railway vehicles	No
Ecolab certified	No
NSF certified	No
EHEDG certified	No

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**SKINDICHT® MINI NBR**

Article No.	Name	Thread size	Thread length	Clamping range min.	Clamping range max.	Spanner size 1	Delivery Unit
52001860	SKINDICHT® MINI M6X1 NBR	M 6	0.197 in	0.079 in	0.118 in	0.354 in	50
52001880	SKINDICHT® MINI M8X1 NBR	M 8	0.197 in	0.138 in	0.217 in	0.433 in	50
52001895	SKINDICHT® MINI M10X1 NBR	M 10	0.197 in	0.217 in	0.276 in	0.551 in	50

V1.1