

SKINTOP® FLAT M50X1.5**Article No.:** 53119378

Flat cable gland; M 50; Flat Cable Width (min./max.)1.024 - 1.299 in; Flat Cable Height (min./max.)0.197 - 0.433 in; Brass Nickel-plated; Halogen-free; UV-resistant; IP 68 - 5 g /cm² (30 min)

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

- Particularly effective cable sealing thanks to the innovative sealing insert, especially for flat cables (protection class IP 68 (5 bar)).
- Gentle cable clamping due to high elasticity of the sealing insert material.
- Evenly distributed power across the cable enables high strain relief.
- Large, variable clamping range for various flat cable dimensions (width/height).
- Halogen free materials make the product suitable for use in public areas.

Application

- For sealing and strain relieving cable insertion into a housing.
- For use with flat cables (angled or round cable contours).
- Can be used in dry and damp environments.
- 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	SKINTOP®
Product type	Flat cable gland
Delivery with lock nut	No
Including o-ring	Yes
Type of packaging	Bag
Delivery Unit	5

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	2.185 in
Thread type	Metric
Thread size	M 50
Pitch of thread	1,5
Thread length	0.394 in
Thread standard	DIN EN 60423

Spanner size 1	2.126 in
Wrench size 2	2.126 in
Hexagon corner dimensions	2.323 in
Min. flat cable width	1.024 in
Max. flat cable width	1.299 in
Min. flat cable height	0.197 in
Flat cable height (max.)	0.433 in
EMC shielding	No
Material insert	Polyamide
Seal type	Flat seal
Thread-side sealing element	O-ring
Cable-side sealing element	Flat seal
Material o-ring	Acrylonitrile butadiene rubber
O-ring material, short form	NBR
Material sealing	Acrylonitrile butadiene 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 ² (30 min)
Suitable for EX-applications	No
Temperature (min.)	-20 °C
Max. temperatur	100 °C
Flame-retardant	No
UV-resistant	Yes
Chemical resistant	Yes
Acid-resistant	No
corrosion resistant	Yes
Halogenfree	Yes
Oil resistant	Yes
lead free	No

Impact proof	Yes
Vibration protection	Yes
Strain relief	Yes

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
FDA certified	No
EHEDG certified	No

SKINTOP® FLAT

Article No.	Name	Thread size	Min. flat cable width	Max. flat cable width	Min. flat cable hight	Flat cable height (max.)	Delivery Unit
53119375	SKINTOP® FLAT M25X1.5	M 25	0.433 in	0.63 in	0.118 in	0.236 in	5
53119376	SKINTOP® FLAT M32X1.5	M 32	0.591 in	0.787 in	0.118 in	0.276 in	5
53119377	SKINTOP® FLAT M40X1.5	M 40	0.709 in	1.102 in	0.118 in	0.354 in	5
53119378	SKINTOP® FLAT M50X1.5	M 50	1.024 in	1.299 in	0.197 in	0.433 in	5
53119379	SKINTOP® FLAT M63X1.5	M 63	1.339 in	1.575 in	0.177 in	0.315 in	1
53119391	SKINTOP® FLAT M63x1,5 plus	M 63	1.339 in		0.276 in	0.512 in	1

V1.1