

**SKINTOP® MULTI VENT VERSION 2**
**Article No.:** 52220093

Multi-entry; Number of cable entries: 20; IP 68 - 0.1 g/cm<sup>2</sup> (60 min), IP 67, IP 66; UV-resistant; Halogen-free


**CE**

**Details**
**Benefits**

- Multi-entry of cables allows a higher packing density (up to 29 cables depending on the variant).
- Large clamping ranges, each variable by 4 mm (0.16 in), for different cable diameters and clamping ranges especially for AS-i bus cables.
- Flexibility in selecting the cable diameter reduces the variety of parts in the warehouse, generating logistical and cost benefits.
- Direct cable entry without pre-piercing the bushings thanks to elastic gel technology with innovative membrane technology.
- Included: breathable pressure compensation element that ensures the necessary pressure compensation when the housing is closed. This completely prevents moisture penetration.

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- Clear marking of bushing points and clamping ranges. As a result, there is no potential for errors during cable insertion.
  - Easy fitting of the multi-entry to the housing using 4 fastening screws. The adhesive effect of the sealing gel enables the product to be positioned very easily during assembly.
  - Available in different variants for a wide range of applications.

### Application

- For sealing and strain relief of multi-entry of unassembled cables and media hoses through a housing.
- Especially for closed housings where optimum ventilation is needed.
- Can be used in dry, damp and oily environments.
- 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	Multi-entry
Scope of delivery	including fastening material
Type of packaging	Bag
Delivery Unit	1
Mounting method	screw
Industry segment	Rolling Stock

### Electrical parameters

**Product design**

For armored cables	No
Glass-fibre reinforced	No
Number of cable entries	20 pc.
With bending protection	No
Cable gland design	Multi-entry (rectangular)
Total length	5.669 in
Overall width	1.811 in
Overall height	0.551 in
EMC shielding	No
Seal type	Gel Membrane
Material sealing	Gel
Body material	Polycarbonate
Body material, short form	PC
Colour description	black
RAL color	RAL 9005

**Product features**

IP protection rating	IP 68 - 0.1 g/cm <sup>2</sup> (60 min) IP 67 IP 66
Suitable for EX-applications	No
Temperature (min.)	-30 °C
Max. temperatur	110 °C
Flame-retardant	Yes
Flame retardance according to	UL 94 V-2
UV-resistant	Yes
Chemical resistant	No
Acid-resistant	No
Halogenfree	Yes
Oil resistant	Yes
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
GGVS certified	No
DNV-certified	No
Tested for fire protection for railway vehicles	Yes
Fire protection for railway vehicles hazard level	EN 45545-2 HL2
Ecolab certified	No
NSF certified	No
FDA certified	No
EHEDG certified	No

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**SKINTOP® MULTI VENT**

Article No.	Name	Number of cable entries	Delivery Unit
52220092	SKINTOP® MULTI VENT VERSION 1	21 pc.	1
52220093	SKINTOP® MULTI VENT VERSION 2	20 pc.	1
52220094	SKINTOP® MULTI VENT VERSION 3	29 pc.	1
52220095	SKINTOP® MULTI VENT VERSION 4	11 pc.	1

V1.1