SKINTOP® ST-HF M 12X1.5 RAL 7035 LGY

Article No.: 53111407

Cable gland; M 12; Clamping range (min./max.): 0.157 - 0.217 in; Wrench size 1: 0.591; light gray; Polyamide Uncoated; Halogenfree; IP 68 - 5 g/cm² (30 min);



Details

Benefits

- Compliant with standards for use in railway vehicles (fire behavior test according to DIN EN 45545-2:2016-02, requirements sets R22 and R23, hazard levels HL1, HL2 and HL3).
- If vibration occurs, the permanent vibration protection prevents the domed cap nut from opening.
- The best possible sealing enables protection class IP 68 (5 bar).
- VDE-tested quality.

Application

- For sealing and strain relieving cable insertion into a housing.
- Can be used in dry and damp environments.
- Suitable for applications with UV-C radiation (according to LAPP's internal test method).
- Black variants are suitable for outdoor use.

Notes

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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	Cable gland
Delivery with lock nut	No
Including o-ring	Yes
Type of packaging	Bag
Delivery Unit	100
Industry segment	Heating, Ventilation, Air Conditioning & Refrigeration Rolling Stock Ships & boats Building Automation
customs code	3926909985

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	1.181 in

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Clear width	0.217 in
Thread type	Metric
Thread size	M 12
Pitch of thread	1,5
Thread length	0.315 in
Thread standard	DIN EN 60423
Wrench size 1	0.591 in
Wrench size 2	0.591 in
Hexagon corner dimensions	0.654 in
Min. clamping range	0.157 in
Max. clamping range	0.217 in
EMC shielding	No
Seal type	Conduit Sealing Ring
Material o-ring	Ethylene vinyl acetate copolymer
O-ring material, short form	EVA
Material sealing	Ethylene vinyl acetate copolymer
Body material	Polyamide
Body material, short form	PA
Surface protection	Uncoated
Colour description	light gray
RAL color	RAL 7035

Product features

IP protection rating	IP 68 - 5 g/cm² (30 min)
Suitable for EX-applications	No
Temperature dynamic min.	-20 °C
Max. dynamic temperature	100 °C
Temperature static min.	-40 °C
Max. static temperature	100 °C
Temperature (min.)	-40 °C
Temperature (max.)	100 °C
Flame-retardant	Yes
Flame retardance according to	UL 94 V-0

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UV-resistant	No
UV-C resistant	Yes
Chemical resistant	Yes
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	Yes
VDE registration number	40014077
For Ex zone gas	without
For Ex-zone dust	without
GGVS certified	No
DNV-certified	No
Tested for fire protection for railway vehicles	Yes
Fire protection for railway vehicles hazard level	EN 45545-2 HL3
Ecolab certified	No
NSF certified	No
FDA certified	No
EHEDG certified	No

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SKINTOP® ST-HF-M

Article No.	Name	Thread size	Thread length	Min. clamping range	Max. clamping range	Wrench size 1	Colour description	Delivery Unit
53111407	SKINTOP® ST-HF M 12X1.5 RAL 7035 LGY	M 12	0.315 in	0.157 in	0.217 in	0.591 in	light gray	100
53111408	SKINTOP® ST-HF-M 12X1.5 RAL 9005 BK	M 12	0.315 in	0.157 in	0.217 in	0.591 in	black	100
53111417	SKINTOP® ST-HF-M 16X1.5 RAL 7035 LGY	M 16	0.315 in	0.177 in	0.354 in	0.748 in	light gray	100
53111418	SKINTOP® ST-HF-M 16X1.5 RAL 9005 BK	M 16	0.315 in	0.177 in	0.354 in	0.748 in	black	100
53111422	SKINTOP® ST-HF-M 20X1.5 RAL 9005 BK	M 20	0.354 in	0.276 in	0.512 in	0.984 in	black	100
53111427	SKINTOP® ST-HF-M 20X1.5 RAL 7035 LGY	M 20	0.354 in	0.276 in	0.512 in	0.984 in	light gray	100
53111437	SKINTOP® ST-HF-M 25X1.5 RAL 7035 LGY	M 25	0.394 in	0.354 in	0.669 in	1.181 in	light gray	50
53111438	SKINTOP® ST-HF-M 25X1.5 RAL 9005 BK	M 25	0.394 in	0.354 in	0.669 in	1.181 in	black	50
53111447	SKINTOP® ST-HF-M 32X1.5 RAL 7035 LGY	M 32	0.394 in	0.433 in	0.827 in	1.417 in	light gray	25
53111448	SKINTOP® ST-HF-M 32X1.5 RAL 9005 BK	M 32	0.394 in	0.433 in	0.827 in	1.417 in	black	25
53111457	SKINTOP® ST-HF-M 40X1.5 RAL 7035 LGY	M 40	0.394 in	0.748 in	1.102 in	1.811 in	light gray	10
53111458	SKINTOP® ST-HF-M 40X1.5 RAL 9005 BK	M 40	0.394 in	0.748 in	1.102 in	1.811 in	black	10
53111467	SKINTOP® ST-HF-M 50X1.5 RAL 7035 LGY	M 50	0.472 in	1.063 in	1.378 in	2.165 in	light gray	5
53111468	SKINTOP® ST-HF-M 50X1.5 RAL 9005 BK	M 50	0.472 in	1.063 in	1.378 in	2.165 in	black	5
53111477	SKINTOP® ST-HF-M 63X1.5 RAL 7035 LGY	M 63	0.472 in	1.339 in	1.772 in	2.598 in	light gray	5
53111478	SKINTOP® ST-HF-M 63X1.5 RAL 9005 BK	M 63	0.472 in	1.339 in	1.772 in	2.598 in	black	5

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