

SKINTOP® MS-HF-M SC

SKINTOP® MS-SC-M, brass cable gland with low-resistance screen contact and highly conductive, flexible EMC contact, easy to assemble

Info

Cable gland for railway applications

Hazard Level: HL 3



Rail



Flame-retardant



Halogen-free



Reliability



Interference signals

Benefits

Halogen-free and flame-retardant

Suitable for cables with and without inner sheath

Low-resistance screen contact, optimum EMC protection

Highly conductive, flexible EMC contact for clamping various screen diameters

Few operation steps, easy to assemble

Application range

Underground railways and trains

For EMC-compliant earthing of the copper braiding

Industrial machinery and plant engineering

Measurement and control technology

Last Update (26.05.2023)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

SKINTOP® MS-HF-M SC

Automation technology

Norm references / Approvals

DIN EN 45545-2 (HL3)

DIN EN 45545-3 (E30)

Product Make-up

Metric connection thread acc. to DIN EN 60423

Basis for technical information DIN IEC 62444

Note

SKINDICHT® SM-PE-M counter nut should be used to ensure optimum contact with painted, anodised or powder-coated housings

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000441 ETIM 5.0 Class-Description: Cable screw gland
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000441 ETIM 6.0 Class-Description: Cable screw gland
Caution:	Refer to Appendix T21 for the installation dimensions and torques
Material:	Body: nickel plated brass Insert: halogen-free polyamid acc. to UL 94 V0 Sealing: special elastomer O-ring: special elastomer
Protection rating:	IP 68 - 5 bar
Temperature range:	Dynamic: -25°C up to +100°C Fixed: -40°C up to +100°C

Note

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Article number	Article designation / size	Ø F mm	Minimum Ø above braiding (mm)	SW wrench size mm	Overall length C mm	Thread length D mm	Pieces / PU
53112530	M 12 x 1,5	3.5 - 7	1	16	26.5	6.5	50
53112531	M 16 x 1,5	4.5 - 10	4	20	33.0	7	50
53112532	M 20 x 1,5	7 - 13	5	24	37.0	8	25
53112533	M 25 x 1,5	9 - 17	7.5	29	38.5	8	25
53112534	M 32 x 1,5	11 - 21	9	36	45.5	9	25
53112535	M 40 x 1,5	19 - 28	15	45	48.0	9	10
53112536	M 50 x 1,5	27 - 35	21	54	55.5	10	5

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