

## SKINTOP® MS-HF-M BRUSH

### Info

Cable gland for railway applications  
Hazard Level: HL 3



Rail



Flame-retardant



Halogen-free



Reliability



Interference signals

### Benefits

Halogen-free and flame-retardant  
Optimum, low-resistance 360° screen contact  
Faster than any other comparable system  
Maximum reliability  
Maximum assembly freedom during adjustment

### Application range

Underground railways and trains  
Automation systems  
High-power drives  
Frequency converters  
Conveyor and transport systems

Last Update (01.09.2020)

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

PN 0456 / 02\_03.16

## SKINTOP® MS-HF-M BRUSH

### 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: nickle plated brass

Insert: haolgen-free polyamide acc. to UL 94 V0

EMC-brush: brass wire

Sealing: special elastomere

O-ring: special elastomere

Protection rating:

IP 68 - 5 bar

Temperature range:

Dynamic: -25°C up to + 100°C

Fixed: -40°C to +100°C

### Note

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**SKINTOP® MS-HF-M BRUSH**

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
53112543	M 25 x 1,5	9 - 17	6	29	36.0	8	10
53112544	M 32 x 1,5	11 - 21	8	36	42.2	9	5
53112545	M 40 x 1,5	19 - 28	10	45	49.5	9	5
53112546	M 50 x 1,5	27 - 35	14	54	52.0	10	5
53112547	M 63 x 1,5	34 - 45	20	67	61.3	15	1

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