53112527	DATA SHEET	LAPP
Valid from: 07.05.2026	SKINTOP® MS-M XL BRUSH	

The SKINTOP® MS-M XL BRUSH a nickel-plated brass cable gland especially designed for copper-screened cables, used to achieve a low-resistance screen contact, strain relief and high protection class.
The SKINTOP® MS-M XL BRUSH contacts the screen much faster than any other system.

Components:

Gland body	Brass, nickel-plated
Cap nut	Brass, nickel-plated
Insert with lamellar cage	Polyamide, V2 acc. to UL 94
Sealing ring	CR
Contact brush	Brass wire
O-ring	NBR

Technical features:

Connecting thread	M16x1.5 up to M50x1.5 acc. to DIN EN 60423
Protection class / NEMA Type Rating	IP68 – 10 bar / 30min acc. to DIN EN 60529 IP69 acc. to EN 60529 Type1, Type4X, Type6 and Type12 acc. to UL 50 E, CSA C22.2 No. 18.3-12
Strain relief	Category A acc. to DIN EN 62444
Temperature range	Dynamic -25 °C up to +100 °C Static -40 °C up to +100 °C
Transfer impedance	≤ 10 mOhm
Corrosion protection	Salt spray test (168 H. / 35°C) acc. to DIN EN ISO 9227

Approvals:

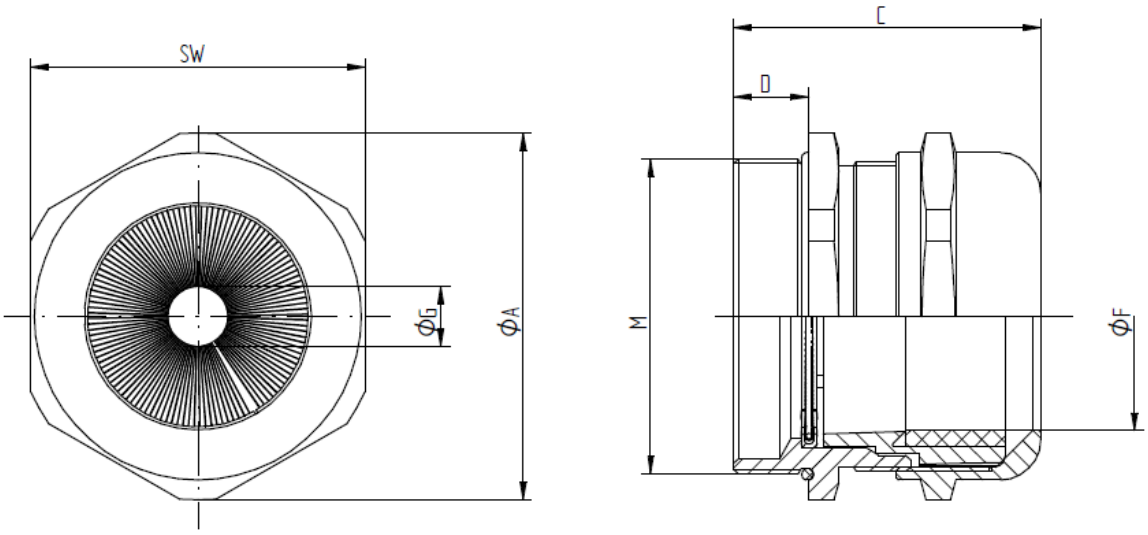
File No. E79903
Test acc. to UL514B
(Size M16x1.5)

File No. E79903
Test acc. to UL514B
(Sizes M20x1.5 – M50x1.5)

(Sizes M16x1.5 – M50x1.5)

(Sizes M16x1.5 – M50x1.5)

Norm references:



M	SW [mm]	Ø A [mm]	C max. [mm]	D [mm]	Ø F [mm] Clamping range	Ø G [mm] over braiding	O-Ring [mm]	Article No.
M16x1.5	20	22	38	12	4.5 - 10	2 - 6	13x2	53112516
M20x1.5	24	26.4	41	12	7 - 13	3 - 9	17x2	53112527
M25x1.5	29	31.9	42.5	12	9 – 17	6 – 13.5	22x2	53113727
M32x1.5	36	39.6	51.5	15	11 – 21	8 – 18	28x2	53113728
M40x1.5	45	49.5	54	15	19 – 28	10 – 26	36x2	53113729
M50x1.5	54	59	60.5	15	27 – 35	14 – 33	46x2	53112673

For more information, please see our current catalogue. Please do not hesitate to contact our laboratory if there are any questions regarding resistance against aggressive agents and special oil.