

53113501	DATA SHEET	
Valid from: 02.12.2021	SKINTOP® COLD-SC	

The SKINTOP® COLD-SC is a nickel-plated brass cable gland with metrical thread especially designed for copper-screened cables and is used to achieve a low-resistance screen contact, strain relief and high protection class.

This non-halogen gland is especially designed for use in application areas with a very high demand on mechanical stability and cold resistance, for example the air conditioning technology (freezing plants, cold stores...) and the Off-Shore-Area. The SKINTOP® COLD-SC is not qualified for cases twisting a gland after inserting the cable (e.g. circular connectors).



Material:

Gland body
Cap nut
Insert with lamellar cage
Sealing ring
O-ring
Contact spring

Brass, nickel-plated
Brass, nickel-plated
Special polyamide
Silicone
Silicone
CuBe, tin-plated

Technical features:

Connecting thread
Protection class

M12x1.5 up to M50x1.5 in acc. to EN 60423
Sizes M12, M16, M20:
IP68 - 10 bar, test acc. to EN 60529
Sizes M25 up to M50:
IP68 - 5 bar, test acc. to EN 60529

NEMA Type Rating
Strain relief
Design
Transfer impedance
Temperature range

Type 1, Type 2, Type 4X, Type 6, Type 12
Category A
COLD Standard
< 0,1 Ohm
-70°C up to +100°C

Additional features:

Maximum reliability
Strain relief
Large, variable clamping ranges
High cold resistance
Cold impact resistance
Mechanical stability
Ozone resistance
UV-resistance
Oil-resistance
Halogen Free

Approbation:


 UL File Nr. 79903
 (Test in acc. to UL514B)

Creator: HYD01/PDP Released: DAMU1/PDP	Dokument: DB53113501DE Version: 03	Page 1 von 2
---	---------------------------------------	--------------

53113501	DATA SHEET	
Valid from: 02.12.2021	SKINTOP® COLD-SC	

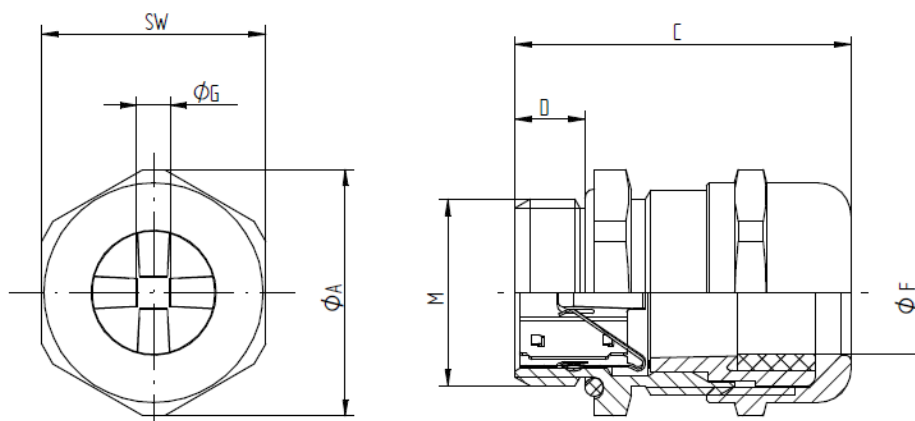
Reference standards:



Suitable accessories:

SKINDICHT® SM-M

Technical drawing:



SKINTOP® COLD-SC

M	SW [mm]	Ø A [mm]	C max. [mm]	D [mm]	Ø F [mm] Clamping range	Ø G [mm]	O-Ring [mm]	Artikel-Nr.
M12x1,5	16	17,6	26,5	6,5	4-7	1,0	9x2	53113501
M16x1,5	20	22,0	33,0	7,0	6 - 10	4,0	13x2	53113511
M20x1,5	24	26,4	37,0	8,5	7-13	5,0	17x2	53113521
M25x1,5	29	31,9	38,5	8,0	9-17	7,5	22x2	53113531
M32x1,5	36	39,6	45,5	9,0	11-21	9,0	28x2	53113541
M40x1,5	45	49,5	48,0	9,0	19-28	15,0	36x2	53113551
M50x1,5	54	59,0	55,5	10,0	27-35	21,0	46x2	53113561

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.

Creator: HYD01/PDP Released: DAMU1/PDP	Dokument: DB53113501DE Version: 03	Page 2 von 2
---	---------------------------------------	--------------