

53806825	DATA SHEET	
Valid from: 16.03.2022	SKINTOP® BS-M METAL / BSR-M METAL	

The SKINTOP® BS-SC-M METAL / BSR-SC-M METAL is a nickel-plated brass cable gland especially designed for copper-screened cables and is used to achieve a low-resistance screen contact. The gland has also a bending protection spring from stainless steel and it is for use in manufacturing of machines with high mechanical load.

The SKINTOP® BS-SC-M METAL / BSR-SC-M METAL is not qualified for cases twisting a gland after inserting the cable (e.g. circular connectors).



Components:

Gland body	Brass, nickel-plated
Cap nut	Brass, nickel-plated
Protection cap	Brass, nickel-plated
Bending protection spiral	Stainless steel V2A (1.4310)
Insert with lamellar cage	Polyamide
Sealing ring	CR (ozone- and UV-resistant)
Contact spring	CuBe, tin-plated
O-ring	NBR (ozone- and UV-resistant)

Technical features:

Connecting thread	M12x1.5 up to M25x1.5 acc. to EN 60423
Protection class	IP68 – 10 bar, test acc. to EN 60529 IP69 acc. to EN 60529
Safety	VDE 0700-1
Temperature range	Dynamic -25 °C up to +100 °C Statically -30 °C up to +100 °C
Transfer impedance	≤ 10 mOhm
Screening attenuation	up to 98dB
Design	BS-SC-M METAL Standard BSR-SC-M METAL with reducing sealing ring (for smaller cable diameters)

Other characteristics:

Maximum reliability
Optimal strain relief
Large, variable clamping ranges
High number of bending cycles

Norm references:

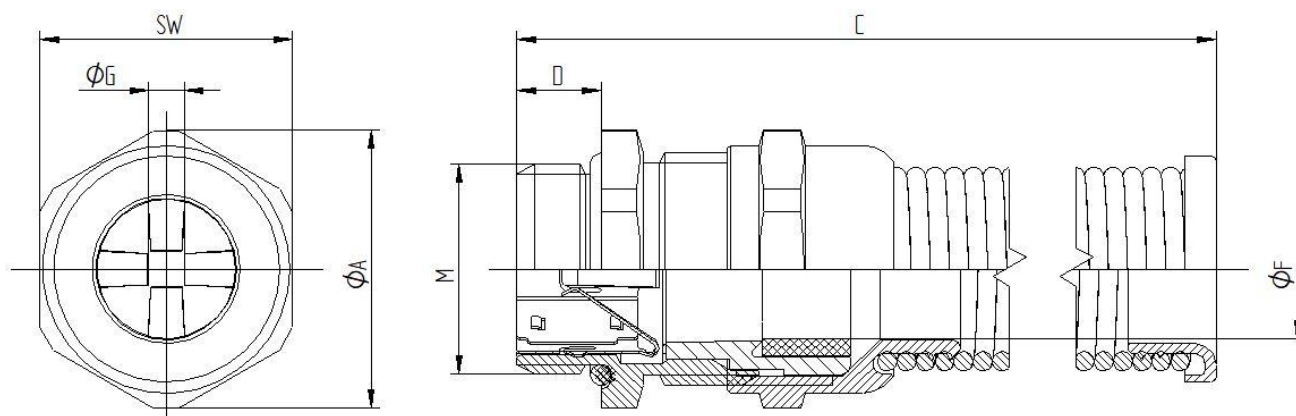


Creator: THSC6/PDP Released: DAMU1/PDP	Document: DB53806825EN Version: 00	Page 1 of 3
---	---------------------------------------	-------------

53806825	DATA SHEET	
Valid from: 16.03.2022	SKINTOP® BS-M METAL / BSR-M METAL	

Creator: THSC6/PDP Released: DAMU1/PDP	Document: DB53806825EN Version: 00	Page 2 of 3
---	---------------------------------------	-------------

53806825	DATA SHEET	
Valid from: 16.03.2022	SKINTOP® BS-M METAL / BSR-M METAL	



SKINTOP® BS-SC-M METAL

Thread (M)	SW	ØA	C max.	D	Clamping range		Seal	Part No.
					(ØF)	(ØG)		
M12x1,5	16	17,6	65	6,5	3,5-7	1	9x2	5380 6825
M16x1,5	20	22	79	7	4,5-10	4	13x2	5380 6826
M20x1,5	24	26,4	95	8	7-13	5	17x2	5380 6827
M25x1,5	29	31,9	109	8	9-17	7,5	22x2	5380 6828

SKINTOP® BSR-SC-M METAL

Thread (M)	SW	ØA	C max.	D	Clamping range		Seal	Part No.
					(ØF)	(ØG)		
M12x1,5	16	17,6	65	6,5	2-5	1	9x2	5380 6829
M16x1,5	20	22	79	7	2-7	4	13x2	5380 6830
M20x1,5	24	26,4	95	8	5-10	5	17x2	5380 6831
M25x1,5	29	31,9	109	8	6-13	7,5	22x2	5380 6832