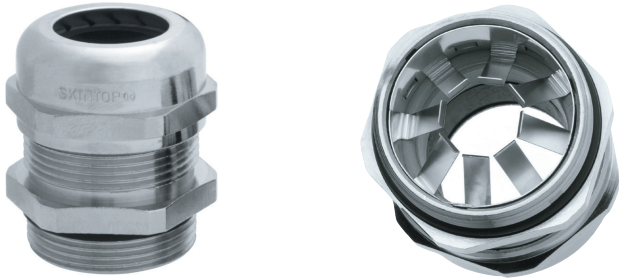


SKINTOP® MS-SC

Nickel-Plated Strain Relief for EMC Applications with NPT, PG & Metric Thread



SKINTOP® MS-SC is uniquely designed to address EMI concerns with its simplified grounding feature. In a few easy steps the cable is grounded, strain relieved, and sealed from moisture and dust in accordance with IP68. The cable glands' contact springs establish a continuous electrical path from the shield of the cable to the equipment ground, creating a secure shield connection.

Application Advantage

- Optimal EMC protection
- Suitable for braid-shielded cable
- Minimal assembly steps
- The contact springs' unique design can accept cable diameters with wide dimensional tolerances
- Available in both standard and long length threads for heavy wall applications

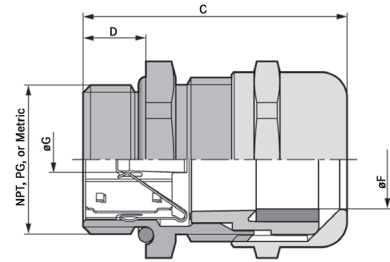
Approvals: NPT Threads



Approvals: PG Threads



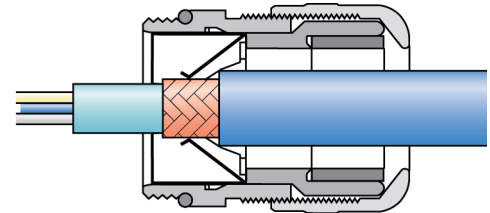
Approvals: Metric Threads



Assembly Instructions:

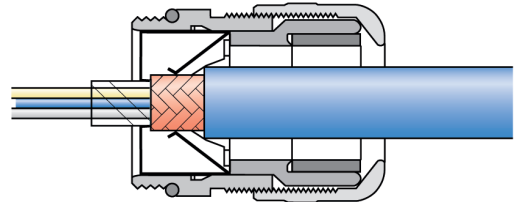
For standard contacting:

1



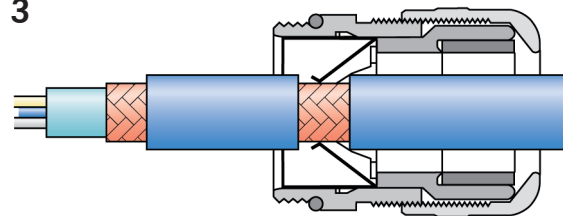
For thin wires without an inner sheath:

2



When routing cable screen to another connection:

3



Technical Data

 Material:		 Temperature Range:	-30°C to +100°C
- Body:	Nickel-plated brass		
- Insert:	Polyamide	 Protection:	IP68, 5 bar
- Bushing:	CR		(Exceeds NEMA 6/6P pressure rating)
- O-ring:	NBR		when used with an O-ring
 Locknuts:	Add SM-PE locknuts, page 546		

SKINTOP® MS-SC NPT

Part Number	Thread Type & Size	øF Clamping Range (inches) (mm)	SW Wrenching Flats (inches)	C Overall Length (inches)	D Thread Length (inches)	Min ø Above Braiding (inches)	Standard Pack Size
SKINTOP® MS-SC: Standard NPT Thread							
53112910	NPT 3/8"	0.177 - 0.394	4.5 - 10.0	0.788	1.564	0.591	100
53112920	NPT 1/2"	0.275 - 0.512	7.0 - 13.0	0.945	1.674	0.591	50
53112930	NPT 3/4"	0.354 - 0.669	9.0 - 17.0	1.142	1.753	0.591	25
53112940	NPT 1"	0.433 - 0.827	11.0 - 21.0	1.418	1.930	0.591	25
53112950	NPT 1 1/4"	0.748 - 1.103	19.0 - 28.0	1.773	2.264	0.669	10
53112960	NPT 1 1/2"	1.063 - 1.379	27.0 - 35.0	2.127	2.423	0.669	5

SKINTOP® MS-SC & MS-SCL

Part Number	Thread Type & Size	øF Clamping Range (inches) (mm)	SW Wrenching Flats (inches)	C Overall Length (inches)	D Thread Length (inches)	Min ø Above Braiding (inches)	Standard Pack Size
SKINTOP® MS-SC: Standard PG Thread							
53112210	PG 9	0.118 - 0.315	3.0 - 8.0	0.669	1.142	0.236	50
53112220	PG 11	0.157 - 0.394	4.0 - 10.0	0.787	1.260	0.236	50
53112230	PG 13	0.197 - 0.472	5.0 - 12.0	0.866	1.339	0.256	25
53112240	PG 16	0.315 - 0.551	8.0 - 14.0	0.945	1.378	0.256	25
53112250	PG 21	0.433 - 0.689	11.0 - 17.5	1.181	1.575	0.275	25
53112260	PG 29	0.630 - 0.985	16.0 - 25.0	1.575	1.890	0.315	10
53112270	PG 36	0.748 - 1.260	19.0 - 32.0	1.969	2.441	0.591	5
SKINTOP® MS-SCL: Long PG Thread							
53112310	PG 9	0.118 - 0.315	3.0 - 8.0	0.669	1.378	0.472	50
53112320	PG 11	0.157 - 0.394	4.0 - 10.0	0.787	1.496	0.472	50
53112330	PG 13	0.197 - 0.472	5.0 - 12.0	0.866	1.555	0.472	25
53112340	PG 16	0.315 - 0.551	8.0 - 14.0	0.945	1.594	0.472	25
53112350	PG 21	0.433 - 0.689	11.0 - 17.5	1.181	1.772	0.472	25
53112360	PG 29	0.630 - 0.985	16.0 - 25.0	1.575	2.047	0.591	10

SKINTOP® MS-M-SC & MS-M-SCL

Part Number	Thread Type & Size	øF Clamping Range (inches) (mm)	SW Wrenching Flats (inches)	C Overall Length (inches)	D Thread Length (inches)	Min ø Above Braiding (inches)	Standard Pack Size
SKINTOP® MS-M-SC: Standard Metric Thread							
53112610	M12 x 1.5	0.137 - 0.275	3.5 - 7.0	0.630	1.043	0.256	50
53112620	M16 x 1.5	0.177 - 0.354	4.5 - 9.0	0.788	1.299	0.275	50
53112630	M20 x 1.5	0.275 - 0.492	7.0 - 12.5	0.945	1.457	0.315	25
53112640	M25 x 1.5	0.354 - 0.650	9.0 - 16.5	1.142	1.516	0.315	25
53112650	M32 x 1.5	0.433 - 0.827	11.0 - 21.0	1.418	1.791	0.354	25
53112660	M40 x 1.5	0.748 - 1.103	19.0 - 28.0	1.773	1.890	0.354	10
53112670	M50 x 1.5	1.063 - 1.379	27.0 - 35.0	2.127	2.185	0.394	5
SKINTOP® MS-M-SCL: Long Metric Thread							
53112625	M16 x 1.5	0.177 - 0.354	4.5 - 9.0	0.788	1.496	0.472	50
53112635	M20 x 1.5	0.275 - 0.492	7.0 - 12.5	0.945	1.614	0.472	25
53112645	M25 x 1.5	0.354 - 0.650	9.0 - 16.5	1.142	1.673	0.472	25
53112655	M32 x 1.5	0.433 - 0.827	11.0 - 21.0	1.418	2.028	0.591	25
53112665	M40 x 1.5	0.748 - 1.103	19.0 - 28.0	1.773	2.126	0.591	10
53112675	M50 x 1.5	1.063 - 1.379	27.0 - 35.0	2.127	2.382	0.591	5

Photographs are not to scale and are not true representations of the products in question.
For current information go to our website. If not otherwise specified, all values relating to the product are nominal values.