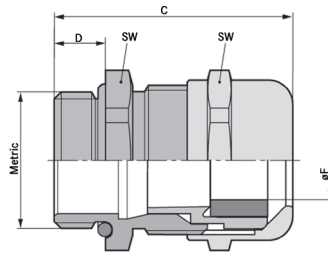


# SKINTOP® MS-M/MSR-M

Nickel-Plated Brass Strain Relief with Metric Thread



**Complete the Installation**

-  SKINTOP® DIX Bushing page 537
-  Plugs page 540

SKINTOP® MS/MSR is a superior quality, liquid-tight, metallic cable gland intended for applications where ruggedness and durability are required. These cable glands are suitable for a wide range of applications, from manufacturing machinery to measurement and control equipment, including automation and robotics.

**Approvals\***







\* DNV pending for size M75; UL, CSA, DNV & VDE pending for sizes M90 & M110

**Application Advantage**

- Suitable for use in areas with high demands on special mechanical and chemical stability
- The heavy duty SKINTOP® design provides great pull-out strength and very reliable strain relief
- Extended temperature range due to the nickel-plated brass body
- Generous high-quality neoprene bushing and perbunan O-ring provide a liquid-tight and dust-proof hermetic seal

**Technical Data**

 <b>Material:</b>	Nickel-plated brass	 <b>Temperature Range:</b>	-40°C to +100°C
- Body:	Polyamide	- Static:	-25°C to +100°C
- Insert:	CR	- Dynamic:	
- Bushing:	NBR	 <b>IP Protection:</b>	70 PSI
- O-ring:		- Seal:	IP68, 5 bar (Exceeds NEMA 6/6P pressure rating)
 <b>Locknuts:</b>	Add SM-M locknuts, page 534	- M12 - M63 x 1.5:	IP69K (pending for larger sizes) NEMA 4X, 6

Part Number	Thread Type & Size	UL Status	øF Clamping Range		SW Wrenching Flats	C Overall Length	D Thread Length	Standard Pack Size
			(in)	(mm)	(in)	(in)	(in)	
<b>SKINTOP® MS-M: Standard</b>								
53112000	M12 x 1.5	Recognized	0.118 - 0.275	3.0 - 7.0	0.630	1.044	0.256	100
53112010	M16 x 1.5	Recognized	0.177 - 0.394	4.5 - 10.0	0.788	1.260	0.275	100
53112020	M20 x 1.5	Listed	0.275 - 0.512	7.0 - 13.0	0.945	1.398	0.315	50
53112030	M25 x 1.5	Listed	0.354 - 0.669	9.0 - 17.0	1.142	1.477	0.315	25
53112040	M32 x 1.5	Listed	0.433 - 0.827	11.0 - 21.0	1.418	1.662	0.354	25
53112050	M40 x 1.5	Listed	0.748 - 1.103	19.0 - 28.0	1.773	1.950	0.354	10
53112060	M50 x 1.5	Listed	1.063 - 1.379	27.0 - 35.0	2.127	2.048	0.394	5
53112070	M63 x 1.5	Listed	1.339 - 1.773	34.0 - 45.0	2.639	2.415	0.591	5
53112080	M63 x 1.5, plus	Listed	1.733 - 2.167	44.0 - 55.0	2.955	2.580	0.591	5
53112510	M75 x 1.5	Listed	2.285 - 2.679	58.0 - 68.0	3.743	4.137	0.591	1
53112512	M90 x 2.0	Listed	2.600 - 3.073	66.0 - 78.0	4.531	5.358	0.788	1
53112514	M110 x 2.0	Listed	3.388 - 3.861	86.0 - 98.0	5.319	6.067	0.985	1
<b>SKINTOP® MSR-M: Reducer Bushing</b>								
53112100	M12 x 1.5	Recognized	0.039 - 0.197	1.0 - 5.0	0.630	1.044	0.256	100
53112110	M16 x 1.5	Recognized	0.078 - 0.275	2.0 - 7.0	0.788	1.260	0.275	100
53112120	M20 x 1.5	Listed	0.197 - 0.394	5.0 - 10.0	0.945	1.398	0.315	50
53112130	M25 x 1.5	Listed	0.236 - 0.512	6.0 - 13.0	1.142	1.477	0.315	25
53112140	M32 x 1.5	Listed	0.275 - 0.591	7.0 - 15.0	1.418	1.662	0.354	25
53112150	M40 x 1.5	Listed	0.591 - 0.906	15.0 - 23.0	1.773	1.950	0.354	10
53112160	M50 x 1.5	Listed	0.866 - 1.142	22.0 - 29.0	2.127	2.048	0.394	5
53112170	M63 x 1.5	Listed	1.103 - 1.536	28.0 - 39.0	2.639	2.415	0.591	5
53112511	M75 x 1.5	Listed	2.088 - 2.482	53.0 - 63.0	3.743	4.137	0.591	1
53112515	M110 x 2.0	Listed	2.994 - 3.467	76.0 - 88.0	5.319	6.067	0.985	1

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