

SKINTOP® MS-M/MSR-M

Nickel-Plated Brass Strain Relief with Metric Thread

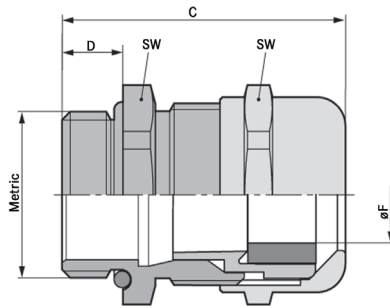
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- SKINTOP® MS-SC

Complete the Installation

SKINTOP® DIX Bushing: page 548

Plugs: page 550



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.

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

Approvals*



Technical Data

| | | | |
|------------------|-----------------------------|---------------------------|-------------------------------------|
| Material: | - Body: Nickel-plated brass | Temperature Range: | - Static: -40°C to +100°C |
| | - Insert: Polyamide | | - Dynamic: -25°C to +100°C |
| | - Bushing: CR | IP Protection: | 70 PSI |
| | - O-ring: NBR | | - Seal: IP68, 5 bar |
| Locknuts: | Add SM-M locknuts, page 545 | | (Exceeds NEMA 6/6P pressure rating) |
| | | | IP69K** |

| Part Number | Thread Type & Size | UL Status | øF Clamping Range (inches) | (mm) | SW Wrenching Flats (inches) | C Overall Length (inches) | D Thread Length (inches) | Standard Pack Size |
|--|--------------------|------------|----------------------------|-------------|-----------------------------|---------------------------|--------------------------|--------------------|
| SKINTOP® MS-M: Standard | | | | | | | | |
| 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 |
| SKINTOP® MSR-M: Reducer Bushing | | | | | | | | |
| 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 |

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

** IP69K pending for sizes M75, M90 & M110

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