

**HELUTOP® MS-EP** EMC cable gland**HELUTOP® MS-EP**

The EMC- and earthing gland with integrated contact system for safe, quick assembly and contacting.

**Application**

- Plant and machine construction
- Robot construction
- Automation technology
- Vehicle construction and shipbuilding
- Rail technology
- Installation technology
- Control cabinet construction

**Material**

Brass, nickel plated  
Contact system: Copper-Beryllium  
Clamp: Polyamide PA 6  
Seal: Chloroprene-rubber (CR)  
O-ring: NBR

**Properties**

- Optimum strain relief through clamping plates
- No damage of shield during assembly or disassembly by moving contact ring
- Contact made automatically when the gland is closed
- Excellent shield damping and current deflection
- High savings achieved in time and assembly costs

**Note**

Details on the individual tests appear in section "Technical Information".

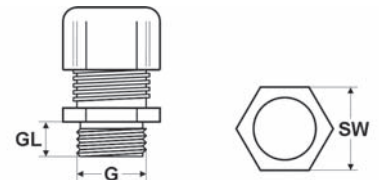
**Technical data**

Protection class: IP 68 - 5 bar

Temperature range: -40°C up to +100°C

Test standard: EN50262

Contact system: patented

**Dimensions**

G Thread size  
GL Thread length  
SW Spanner size

**metric thread**

Part no.	Size Metr.	Cable Ø from / to mm	Thread length mm	Spanner size mm	Unit	
99950	M12 x 1,5	3,0 - 6,5	6,0	14	50	-
99951	M16 x 1,5	5,0 - 10,0	7,0	20	50	-
99952	M20 x 1,5	6,0 - 12,0	8,0	22	50	-
99953	M25 x 1,5	11,0 - 17,0	8,0	27	25	-
99954	M32 x 1,5	15,0 - 21,0	8,0	34	25	-
99955	M40 x 1,5	19,0 - 28,0	9,0	43	20	-
99956	M50 x 1,5	27,0 - 38,0	9,0	58	5	-
99957	M63 x 1,5	34,0 - 44,0	14,0	64 / 68	5	-

Dimensions and specifications may be changed without prior notice.