

# HELUTOP® MS-EP

Contact system patented



## TECHNICAL DATA

Nickel plated brass EMC cable gland und earthing gland

Temperature range -20°C to +100°C  
Protection class IP 68 - 5 bar

### ■ STRUCTURE

- Material: Brass, nickel plated
- Contact system: Copper-Beryllium
- Clamp: Polyamide (PA) 6
- Seal: Chloroprene rubber (CR)
- O-ring: Nitrile butadiene rubber (NBR)
- with integrated contact system

### ■ PROPERTIES

- optimum strain relief through clamping lamella
- easy to assemble, time and cost savings
- watertight, dust-tight
- large clamping areas
- automatic secure connection when closed
- excellent screening attenuation and current discharge

### ■ TESTS

- Test standard EN 62444

### ■ APPLICATION

- Machine and plant construction
- Robotics
- Automation technology
- Vehicle construction and shipbuilding
- Railway technology
- Installation technology
- Control cabinet construction
- For safe and quick assembly as well as contacting.

### ■ NOTES

- Legend:  
Dimensions  
TD - Thread Diameter  
TL - Thread Length  
SZ - Spanner Size

#### metric thread

| Part no. | Size      | Cable Ø<br>from / to mm | Thread length mm | Spanner size mm | Packaging unit (in pc.) |
|----------|-----------|-------------------------|------------------|-----------------|-------------------------|
| 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              | 10                      |
| 99955    | M40 x 1.5 | 19.0 - 28.0             | 9.0              | 43              | 5                       |
| 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                       |