

# Cable management

## Cable gland

### Cable gland HD

#### Applications:

- Manufacturing and packaging of foodstuffs etc.
- Clean room technology (e.g. pharmaceuticals)
- Biotechnology
- Chemical industry

#### Benefits:

- Smooth, solid exterior surfaces effectively prevent the depositing of harmful micro-organisms
- Much easier, and therefore cheaper to clean compared with conventional cable glands

#### Material:

- Cap nut: Stainless steel 1.4305 (AISI 303)
- Seal: Conforms to FDA 21 CFR 177.2600

#### Protection category IP to IEC 60 529:

- IP 68 (5 bar, 30 min.)

#### Protection category IP to DIN 40 050-9:

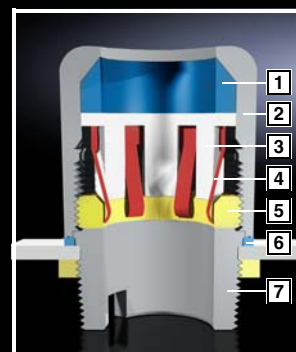
- IP 69K

#### Standard version

Size	Cable diameter mm	Packs of	Model No.
M12 x 1.5	3 – 6.5	5 pc(s).	<b>2410.000</b>
M16 x 1.5	5 – 10	5 pc(s).	<b>2410.010</b>
M20 x 1.5	6 – 12	5 pc(s).	<b>2410.020</b>
M25 x 1.5	12 – 17	5 pc(s).	<b>2410.030</b>

#### EMC version

Size	Cable diameter mm	Packs of	Model No.
M16 x 1.5	5 – 10	5 pc(s).	<b>2410.110</b>
M20 x 1.5	6 – 12	5 pc(s).	<b>2410.120</b>
M25 x 1.5	12 – 17	5 pc(s).	<b>2410.130</b>

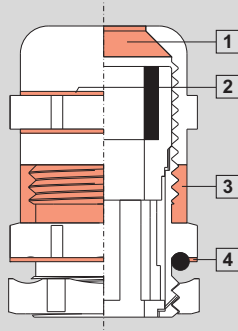


- 1 Seal
- 2 Cap nut
- 3 Clamping jaws
- 4 Shield spring  
EMC version only
- 5 Clamping ring
- 6 Enclosure seal
- 7 Base with locator for assembly tool

### Why hygiene-compatible cable glands?

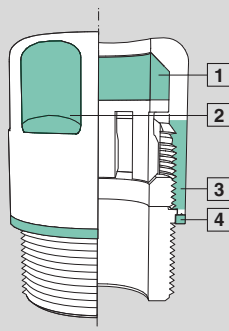
#### Critical points with conventional solutions

- 1 Cable entry in front of seal
- 2 No minimum radii on the hexagon
- 3 External thread
- 4 Gap caused by O-ring on the enclosure surface



#### Hygiene-compatible design features

- 1 Seal directly at the cable entry
- 2 Compliance with minimum radii on the hexagon
- 3 No external threads
- 4 Flush termination between the cap nut and the enclosure



### Stainless steel lock nut

To match HD cable glands.

#### Material:

- Stainless steel 1.4305 (AISI 303)

Size	Packs of	Model No.
M12 x 1.5	10 pc(s).	<b>2410.200</b>
M16 x 1.5	10 pc(s).	<b>2410.210</b>
M20 x 1.5	10 pc(s).	<b>2410.220</b>
M25 x 1.5	10 pc(s).	<b>2410.230</b>



### Assembly tool

#### for HD cable gland

For attaching HD cable glands in an internal thread or using lock nuts. This can be achieved either from the inside or from the outside using an Allen key.

#### Supply includes:

- 1 set = Adaptor for sizes from M12 – M25

Packs of	Model No.
1 set(s)	<b>2410.290</b>

