



Cable Gland EMC blueglobe TRI CLEAN Plus Metric

The new blueglobe TRI CLEAN Plus[®] is the first cable gland to be certified to the high **EHEDG standard** and therefore can be used without risk in the food processing, pharmaceutical and chemical industries and in clean room technology applications. BGN also confirmed conformity of this cable gland with the relevant applicable testing specifications in test certificate NV 13132.

The cable gland blueglobe TRI CLEAN Plus[®] has no cavities, gaps or external threads but has a smooth surface (roughness Ra < 0.8 µm) and rounded surfaces in contact with the wrench. PFLITSCH uses high-grade stainless steel 1.4404/AISI 316L to manufacture this product. All seals are made from plastics that comply with FDA 21 CFR §177.2600 and are suitable for being in contact with food.

The **EMC variant** blueglobe TRI CLEAN Plus[®] attains superior attenuation values with its 360° contact.

Specification

| | |
|---------------------------|--|
| MATERIAL | Pressure screw in Stainless steel 1.4404/AISI 316L, Double nipple in Stainless steel 1.4305/AISI 303 |
| SEALING RING | TPU |
| O-RING | TPU |
| CONTACT SPRING | Stainless steel 1.4310 |
| INGRESS PROTECTION | IP66, IP68 up to 15 bar, IP69K |
| TEMPERATURE RANGE | -40°C....+85°C |
| COLOUR | Stainless Steel |
| CERTIFICATIONS | BGN (DGUV Test), EHEDG, FDA, Ecolab |

Variants

| E-NUMBER | ARTICLE NO. | CONNECTION THREAD | FOR CABLE Ø MM | SCREEN Ø MM | L MM | H MM | H1 MM | SW1 MM | SW2 MM | E2 MM | PCS/PACK |
|----------|----------------|-------------------|----------------|-------------|------|------|-------|--------|--------|-------|----------|
| 1471935 | BG212VATRIPC | M12x1,5 | 5,0 - 7,0 | 3,0 - 5,0 | 7 | 26 | 15 | 10 | 17 | 19.4 | 5 |
| 1471936 | BG216VATRIPC | M16x1,5 | 7,0 - 9,0 | 5,0 - 9,0 | 9 | 30 | 18 | 14 | 20 | 23.4 | 5 |
| 1471937 | BG220VATRIPC | M20x1,5 | 9,0 - 12,0 | 7,0 - 12,0 | 9 | 36 | 21 | 19 | 24 | 27.4 | 5 |
| 1471938 | BG225VA15TRIPC | M25x1,5 | 12,0 - 15,0 | 10,0 - 16,0 | 11 | 38 | 23 | 24 | 30 | 33.4 | 5 |
| 1471939 | BG225VATRIPC | M25x1,5 | 15,0 - 18,0 | 10,0 - 16,0 | 11 | 38 | 23 | 24 | 30 | 33.4 | 5 |
| 1471940 | BG232VA21TRIPC | M32x1,5 | 18,0 - 21,0 | 13,0 - 20,0 | 12 | 39 | 24 | 30 | 36 | 39.4 | 5 |
| 1471941 | BG232VATRIPC | M32x1,5 | 20,0 - 23,0 | 13,0 - 20,0 | 12 | 39 | 24 | 30 | 36 | 39.4 | 5 |
| 1471942 | BG240VA26TRIPC | M40x1,5 | 23,0 - 26,0 | 20,0 - 28,0 | 22.5 | 44,5 | 28 | 36 | 45 | 48.4 | 4 |
| 1471943 | BG240VATRIPC | M40x1,5 | 26,0 - 29,0 | 20,0 - 28,0 | 22.5 | 44,5 | 28 | 36 | 45 | 48.4 | 4 |