

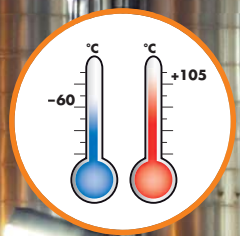
EXIOS

STANDARD

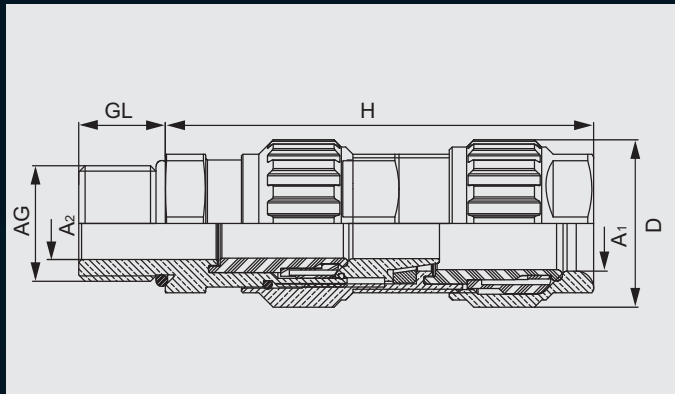
- Dual seal on the inner and outer sheath of the cable
- Time-proven HUMMEL clamping system
- Armour acceptance range from 0 – 2,5 mm
- Exceptional clamping range
- Innovative „Interlocking Armour Cone“
- Zero torsion on cable cores and armour
- Fast and easy pre-assembly by hand by the use of profile material with maximum grip

- According to the latest IECEx and ATEX standards
- Ex-e / Ex-d / Ex-ta
- Zones 1, 2, 20, 21, 22
- II 2G Ex d e IIC Gb / II 1D Ex ta IIIC Da
- Equipment Protection Level GbDa

- IP 66, 67 and 68 (5 bar)
- Halogen- and phosphorous-free
- Silicone Seals and O-Ring are standard



| Type: EXIOS Standard | Materials and Technical Data |
|----------------------|---|
| Material | brass, nickel-plated brass, stainless steel |
| Seals / O-Rings | silicone, VMQ |
| Clamping insert | PA 6 |
| Armour | Metallic Armour or Screen |
| Temperature Range | -60°C – 105°C (-76°F – 221°F) |
| Protection | IP 66, 67 and 68 (5 bar) |
| Certificate | IECEX BVS 10.0078 X, CSA 2557737, BVS 10 ATEX E 062 X |



| Metric brass | | | | | | | | | | | |
|---------------|------------|---------|----|------|--------|-------|-----------|-----------|-----------------|-----------------|-----------------|
| Number | Gland Size | AG | mm | D mm | H max. | GL mm | ∅ A1 mm | ∅ A2 mm | Armour ∅ mm | | |
| | | | | | | | | | Clamping ring 1 | Clamping ring 2 | Ring 3 optional |
| 1.605.1600.50 | 20-1 | M16x1,5 | 22 | 27 | 69,5 | 16 | 6-12 | 3-8,1 | 0-0,7 | 0,7-1,25 | - |
| 1.605.2000.50 | | M20x1,5 | | | | | | | | | |
| 1.605.2000.51 | 20-2 | M20x1,5 | 24 | 29 | 74,3 | 16 | 9-16 | 6-12 | 0-0,7 | 0,7-1,25 | - |
| 1.605.2000.52 | | M20x1,5 | | | | | | | | | |
| 1.605.2500.51 | 20-3 | M25x1,5 | 30 | 35 | 80,5 | 16 | 12,5-20,5 | 9-14 | 0-0,7 | 0,7-1,4 | - |
| 1.605.2500.50 | 25 | M25x1,5 | 36 | 42 | 91 | 16 | 16,9-26 | 12,5-20,5 | 0-0,7 | 0,9-1,6 | 0,7-1,4 |
| 1.605.3200.50 | 32 | M32x1,5 | 46 | 52 | 96 | 16 | 22-33 | 16,9-26 | 0-0,7 | 1,3-2,0 | 0,7-1,4 |
| 1.605.4000.50 | 40 | M40x1,5 | 55 | 64 | 107 | 16 | 28-41 | 22-33 | 0-0,7 | 1,3-2,0 | 0,7-1,4 |
| 1.605.5000.50 | 50 | M50x1,5 | 65 | 73 | 131,5 | 16 | 36-52,6 | 28,9-44,4 | 0-1,0 | 1,5-2,5 | 1,0-2,0 |
| 1.605.6300.50 | 63 | M63x1,5 | 80 | 90 | 144,5 | 16 | 46-65,3 | 39,9-56,3 | 0-1,0 | 1,5-2,5 | 1,0-2,0 |
| 1.605.7500.50 | 75 | M75x1,5 | 95 | 107 | 154 | 16 | 57-78 | 50,5-68,2 | 0-1,0 | 1,5-2,5 | 1,0-2,0 |

| NPT brass | | | | | | | | | | | |
|---------------|------------|------------|----|------|--------|-------|-----------|-----------|-----------------|-----------------|-----------------|
| Number | Gland Size | AG | mm | D mm | H max. | GL mm | ∅ A1 mm | ∅ A2 mm | Armour ∅ mm | | |
| | | | | | | | | | Clamping ring 1 | Clamping ring 2 | Ring 3 optional |
| 1.605.3800.70 | 20-1 | NPT 3/8" | 22 | 27 | 69,5 | 16 | 6-12 | 3-8,1 | 0-0,7 | 0,7-1,25 | - |
| 1.605.1200.70 | 20-2 | NPT 1/2" | 24 | 29 | 74,3 | 20 | 9-16 | 6-12 | 0-0,7 | 0,7-1,25 | - |
| 1.605.1200.71 | 20-3 | NPT 1/2" | 30 | 35 | 80,5 | 20 | 12,5-20,5 | 9-14 | 0-0,7 | 0,7-1,4 | - |
| 1.605.3400.70 | 25 | NPT 3/4" | 36 | 42 | 91 | 20,5 | 16,9-26 | 12,5-20,5 | 0-0,7 | 0,9-1,6 | 0,7-1,4 |
| 1.605.1000.70 | 32 | NPT 1" | 46 | 52 | 96 | 25 | 22-33 | 16,9-26 | 0-0,7 | 1,3-2,0 | 0,7-1,4 |
| 1.605.5400.70 | | NPT 1 1/4" | | | | 26 | | | | | |
| 1.605.6400.70 | 40 | NPT 1 1/2" | 55 | 64 | 107 | 26,5 | 28-41 | 22-33 | 0-0,7 | 1,3-2,0 | 0,7-1,4 |
| 1.605.2000.70 | 50 | NPT 2" | 65 | 73 | 131,5 | 27 | 36-52,6 | 28,9-44,4 | 0-1,0 | 1,5-2,5 | 1,0-2,0 |
| 1.605.5200.70 | 63 | NPT 2 1/2" | 80 | 90 | 144,5 | 40 | 46-65,3 | 39,9-56,3 | 0-1,0 | 1,5-2,5 | 1,0-2,0 |
| 1.605.3000.70 | 75 | NPT 3" | 95 | 107 | 154 | 41,5 | 57-78 | 50,5-68,2 | 0-1,0 | 1,5-2,5 | 1,0-2,0 |