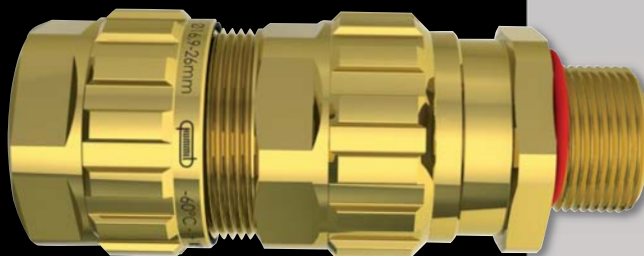
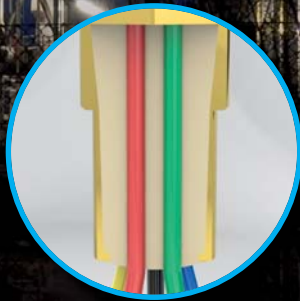
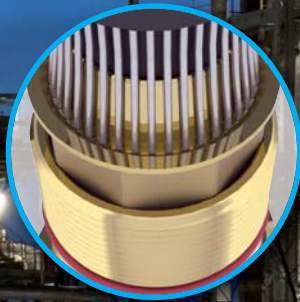
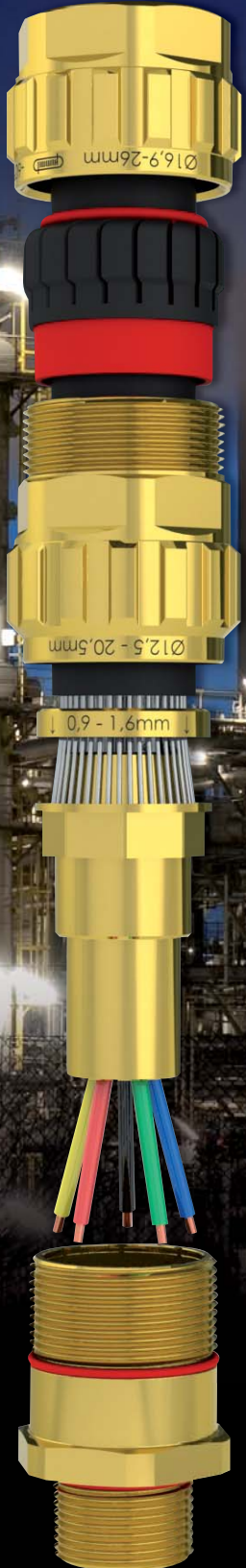


# EXIOS

+ BARRIER

new



# HUMMEL

## Cable Glands for Hazardous Areas

The innovative and advanced design of the EXIOS is now available as a barrier version, too.

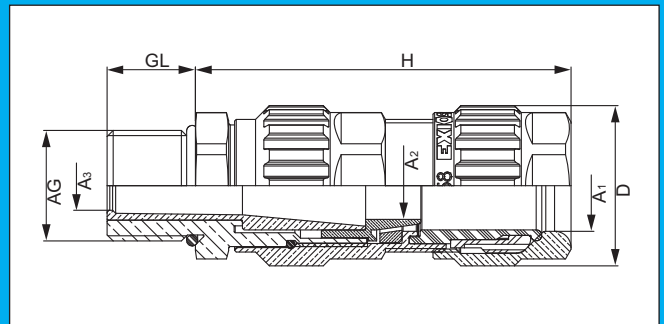
The new EXIOS Barrier combines outstanding EXIOS features with flameproof compound. Whenever installation requires a barrier gland (IEC 60079-14 / 10.4.2), your solution is EXIOS Barrier.

- According to the latest IECEx and ATEX standards
- Ex-d / Ex-e / Ex-ta
- Zones 1, 2, 20, 21, 22
- $\text{Ex}$  I M2 Ex de I Mb IIC Gb / Ex ta IIIC Da
- Equipment Protection Level MbGbDa
  
- IP 66, 67 and 68 (5 bar)
- Temp. Range -60 °C – +85 °C (-76 °F – 185 °F)
- Halogen- and phosphorous-free
- Silicone Seals and O-Ring

For more information visit

[www.hummel.com](http://www.hummel.com)

Mechanical Data	Materials and Technical Data
Material	brass, nickel-plated brass, stainless steel
Seals / O-Rings	silicone, VMQ
Compound	Epoxy-Putty
Clamping insert	PA 6
Armour	Metallic Armour or Screen
Temperature Range	-60° C – 85° C (-76 °F – 185 °F)
Protection	IP 66, 67 and 68 (5 bar)



Metric brass											Armour $\varnothing$ mm (Ring 3 optional)	
Number	Gland Size	AG	$\varnothing$ mm	D mm	H max.	GL mm	$\varnothing$ A <sub>1</sub> mm	A <sub>2</sub> $\varnothing$ Max. Inner Sheath	A <sub>3</sub> $\varnothing$ Max. over cores	Max. No. cores	Clamping ring 1	Clamping ring 2
1.606.1600.50	20 – 1	M 16 x1,5	22	27	64,0	16	6 – 12	8,2	7,9	8	0 – 0,7	0,7 – 1,25
1.606.2000.50		M 20 x1,5										
1.606.2000.51	20 – 2	M 20 x1,5	24	29	68,0	16	9 – 16	12	8,8	10	0 – 0,7	0,7 – 1,25
1.606.2000.52	20 – 3	M 20 x1,5	30	35	73,0	16	12,5 – 20,5	14	11,5	15	0 – 0,7	0,7 – 1,4
1.606.2500.51		M 25 x1,5										
1.606.2500.50	25	M 25 x1,5	36	42	81,3	16	16,9 – 26	20	16,4	25	0 – 0,7	0,9 – 1,6
1.606.3200.50	32	M 32 x1,5	46	52	85,5	16	22 – 33	26	21,4	45	0 – 0,7	1,3 – 2,0
1.606.4000.50	40	M 40 x1,5	55	64	94,4	16	28 – 41	33,2	27,6	70	0 – 0,7	1,3 – 2,0
1.606.5000.50	50	M 50 x1,5	65	73	116,3	16	36 – 52,6	44,2	37,5	85	0 – 1,0	1,5 – 2,5
1.606.6300.50	63	M 63 x1,5	80	90	127,6	16	46 – 65,3	56,2	47,3	120	0 – 1,0	1,5 – 2,5
1.606.7500.50	75	M 75 x1,5	95	107	136,5	16	57 – 78	68,2	58,0	150	0 – 1,0	1,5 – 2,5

NPT brass											Armour $\varnothing$ mm (Ring 3 optional)	
Number	Gland Size	AG	$\varnothing$ mm	D mm	H max.	GL mm	$\varnothing$ A <sub>1</sub> mm	A <sub>2</sub> $\varnothing$ Max. Inner Sheath	A <sub>3</sub> $\varnothing$ Max. over cores	Max. No. cores	Clamping ring 1	Clamping ring 2
1.606.3800.70	20 – 1	NPT 3/8"	22	27	64,0	16	6 – 12	8,2	7,9	8	0 – 0,7	0,7 – 1,25
1.606.1200.70	20 – 2	NPT 1/2"	24	29	68,0	16	9 – 16	12	8,8	10	0 – 0,7	0,7 – 1,25
1.606.1200.71	20 – 3	NPT 1/2"	30	35	73,0	16	12,5 – 20,5	14	11,5	15	0 – 0,7	0,7 – 1,4
1.606.3400.70	25	NPT 3/4"	36	42	81,3	16	16,9 – 26	20	16,4	25	0 – 0,7	0,9 – 1,6
1.606.1000.70	32	NPT 1"	46	52	85,5	16	22 – 33	26	21,4	45	0 – 0,7	1,3 – 2,0
1.606.5400.70	40	NPT 1 1/4"	55	64	94,4	16	28 – 41	33,2	27,6	70	0 – 0,7	1,3 – 2,0
1.606.6400.70		NPT 1 1/2"										
1.606.2000.70	50	NPT 2"	65	73	116,3	16	36 – 52,6	44,2	37,5	85	0 – 1,0	1,5 – 2,5
1.606.5200.70	63	NPT 2 1/2"	80	90	127,6	16	46 – 65,3	56,2	47,3	120	0 – 1,0	1,5 – 2,5
1.606.3000.70	75	NPT 3"	95	107	136,5	16	57 – 78	68,2	58,0	150	0 – 1,0	1,5 – 2,5

As accessories available:

