

Setting Standards

Cable Glands for „Hazardous Areas“



EXIOS



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- A close-up photograph of a yellow industrial connector, possibly a hose end or a specialized fitting. It features a black and white striped, brush-like top section. The connector has a hexagonal base and a red band around its middle. The image is framed by a blue circular border.

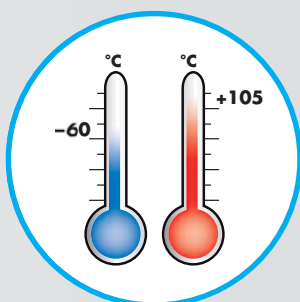
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ATEX 

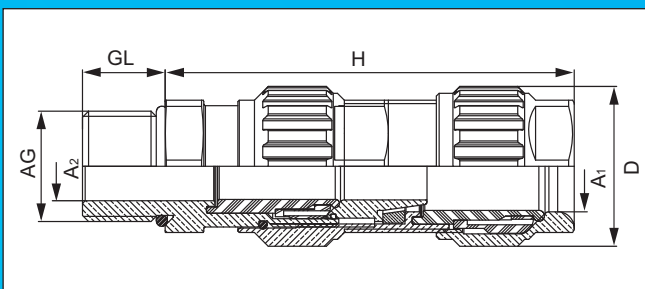


- According to the latest IECEx and ATEX standards
- Ex-d / Ex-e / Ex-ta
- Zones 1, 2, 20, 21, 22
- II 2G Ex de IIC Gb / II 1D Ex ta IIIC Da
- Equipment Protection Level GbDa



- IP 66, 67 and 68 (5 bar)
- Temperature Range -60 °C – +105 °C
- Halogen- and phosphorous-free
- Silicone Seals and O-Ring are standard

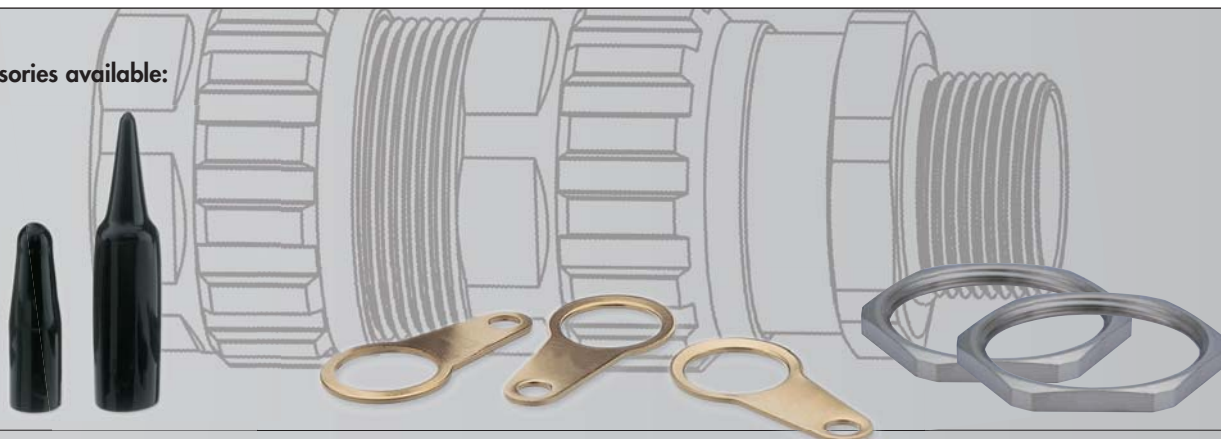
Mechanical Data	Materials and Technical Data
Material	brass, nickel-plated brass, stainless steel
Seals / O-Rings	silicone, VMQ
Clamping insert	PA 6
Armour	Metallic Armour or Screen
Temperature Range	-60° C – 105° C (-76 °F – 221 °F)
Protection	IP 66, 67 and 68 (5 bar)



Metric brass										Armour $\varnothing$ mm		
Number	Gland Size	AG	$\varnothing$ mm	D mm	H max.	GL mm	$\varnothing$ A ₁ mm	$\varnothing$ A ₂ mm		Clamping ring 1	Clamping ring 2	Ring 3 optional
1.605.1600.50	20-1	M 16x1,5	22	27	69,5	16	6-12	3-8,1		0-0,7	0,7-1,25	
1.605.2000.50		M 20x1,5										
1.605.2000.51	20-2	M 20x1,5	24	29	74,3	16	9-16	6-12		0-0,7	0,7-1,25	-
1.605.2000.52	20-3	M 20x1,5	30	35	80,5	16	12,5-20,5	9-14		0-0,7	0,7-1,4	-
1.605.2500.51		M 25x1,5										
1.605.2500.50	25	M 25x1,5	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	M 32x1,5	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	M 40x1,5	55	64	107	16	28-41	22-33		0-0,7	1,3-2,0	0,7-1,4
1.605.5000.50	50	M 50x1,5	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	M 63x1,5	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	M 75x1,5	95	107	154	16	57-78	50,5-68,2		0-1,0	1,5-2,5	1,0-2,0

NPT brass										Armour $\varnothing$ mm		
Number	Gland Size	AG	$\varnothing$ mm	D mm	H max.	GL mm	$\varnothing$ A ₁ mm	$\varnothing$ A ₂ 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	40	NPT 1 1/4"	55	64	107	26	28-41	22-33		0-0,7	1,3-2,0	0,7-1,4
1.605.6400.70		NPT 1 1/2"				26,5						
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

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