

EXIOS

+ BARRIER

with  certificate!

For North American specifications.

The UL-certified version is for use with Marine Shipboard cables in Hazardous Areas. The EXIOS Barrier can also be used in Zone classified Hazardous Locations.

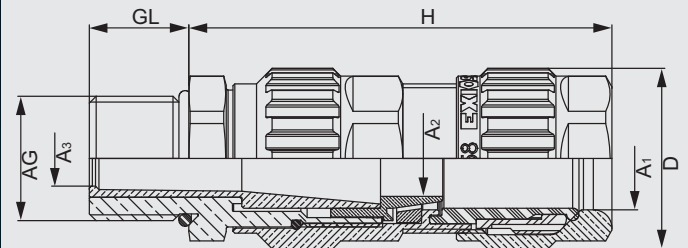
- UL 2225 / UL 514B / CSA 22.2
- Class I; Div 1; Groups C, D
- Class II; Div 1; Groups E, F, G
- Class III
- Class I; Div 2; Groups C, D
- Class II; Div 2; Groups E, F, G
- Class III
- Class I; Zone 1; AEx d IIB



Type: EXIOS BARRIER

Materials and Technical Data

Material	brass, stainless steel on request
Seals / O-Rings	silicone, VMQ
Compound	Epoxy-Putty
Clamping insert	PA 6
Armour	Metallic Armour or Screen
Temperature Range	-25° C – 85° C (-13 °F – 185 °F)
Protection	IP 66, 67 and 68 (5 bar)
UL-File	E 351373



Metric brass

Number	Gland Size	AG	mm	D mm	H max.	GL mm	A1 mm	A2 max. inner sheath	A3 max. over cores	Armour Øk mm		
										max. No. cores	Clamping ring 1	Clamping ring 2
1.6U6.2000.50	20 – 1	M20x1,5	22	27	69,5	16	6 – 12	8,2	7,9	8	0 – 0,7	0,7 – 1,25
1.6U6.2000.51	20 – 2	M20x1,5	24	29	74,3	16	9 – 16	12	8,8	10	0 – 0,7	0,7 – 1,25
1.6U6.2000.52	20 – 3	M20x1,5	30	35	80,5	16	12,5 – 20,5	14	11,5	15	0 – 0,7	0,7 – 1,4
1.6U6.2500.51	20 – 3	M25x1,5	30	35	80,5	16	12,5 – 20,5	14	11,5	15	0 – 0,7	0,7 – 1,4
1.6U6.2500.50	25	M25x1,5	36	42	91	16	16,9 – 26	20	16,4	25	0 – 0,7	0,9 – 1,6
1.6U6.3200.50	32	M32x1,5	46	52	96	16	22 – 33	26	21,4	45	0 – 0,7	1,3 – 2,0
1.6U6.4000.50	40	M40x1,5	55	64	107	16	28 – 41	33,2	27,6	70	0 – 0,7	1,3 – 2,0
1.6U6.5000.50	50	M50x1,5	65	73	131,5	16	36 – 52,6	44,2	37,5	85	0 – 1,0	1,5 – 2,5
1.6U6.6300.50	63	M63x1,5	80	90	144,5	16	46 – 65,3	56,2	47,3	120	0 – 1,0	1,5 – 2,5
1.6U6.7500.50	75	M75x1,5	95	107	154	16	57 – 78	68,2	58	150	0 – 1,0	1,5 – 2,5

NPT brass

Number	Gland Size	AG	mm	D mm	H max.	GL mm	A1 mm	A2 max. inner sheath	A3 max. over cores	Armour Øk mm		
										max. No. cores	Clamping ring 1	Clamping ring 2
1.6U6.1200.70	20 – 2	NPT 1/2"	24	29	68,0	20	9 – 16	12	8,8	10	0 – 0,7	0,7 – 1,25
1.6U6.1200.71	20 – 3	NPT 1/2"	30	35	73,0	20	12,5 – 20,5	14	11,5	15	0 – 0,7	0,7 – 1,4
1.6U6.3400.70	25	NPT 3/4"	36	42	81,3	20,5	16,9 – 26	20	16,4	25	0 – 0,7	0,9 – 1,6
1.6U6.1000.70	32	NPT 1"	46	52	85,5	25	22 – 33	26	21,4	45	0 – 0,7	1,3 – 2,0
1.6U6.5400.70	40	NPT 1 1/4"	55	64	94,4	26	28 – 41	33,2	27,6	70	0 – 0,7	1,3 – 2,0
1.6U6.6400.70	40	NPT 1 1/2"	55	64	94,4	26,5	28 – 41	33,2	27,6	70	0 – 0,7	1,3 – 2,0
1.6U6.2000.70	50	NPT 2"	65	73	116,3	27	36 – 52,6	44,2	37,5	85	0 – 1,0	1,5 – 2,5
1.6U6.5200.70	63	NPT 2 1/2"	80	90	127,6	40	46 – 65,3	56,2	47,3	120	0 – 1,0	1,5 – 2,5
1.6U6.3000.70	75	NPT 3"	95	107	136,5	41,5	57 – 78	68,2	58	150	0 – 1,0	1,5 – 2,5

EXIOS

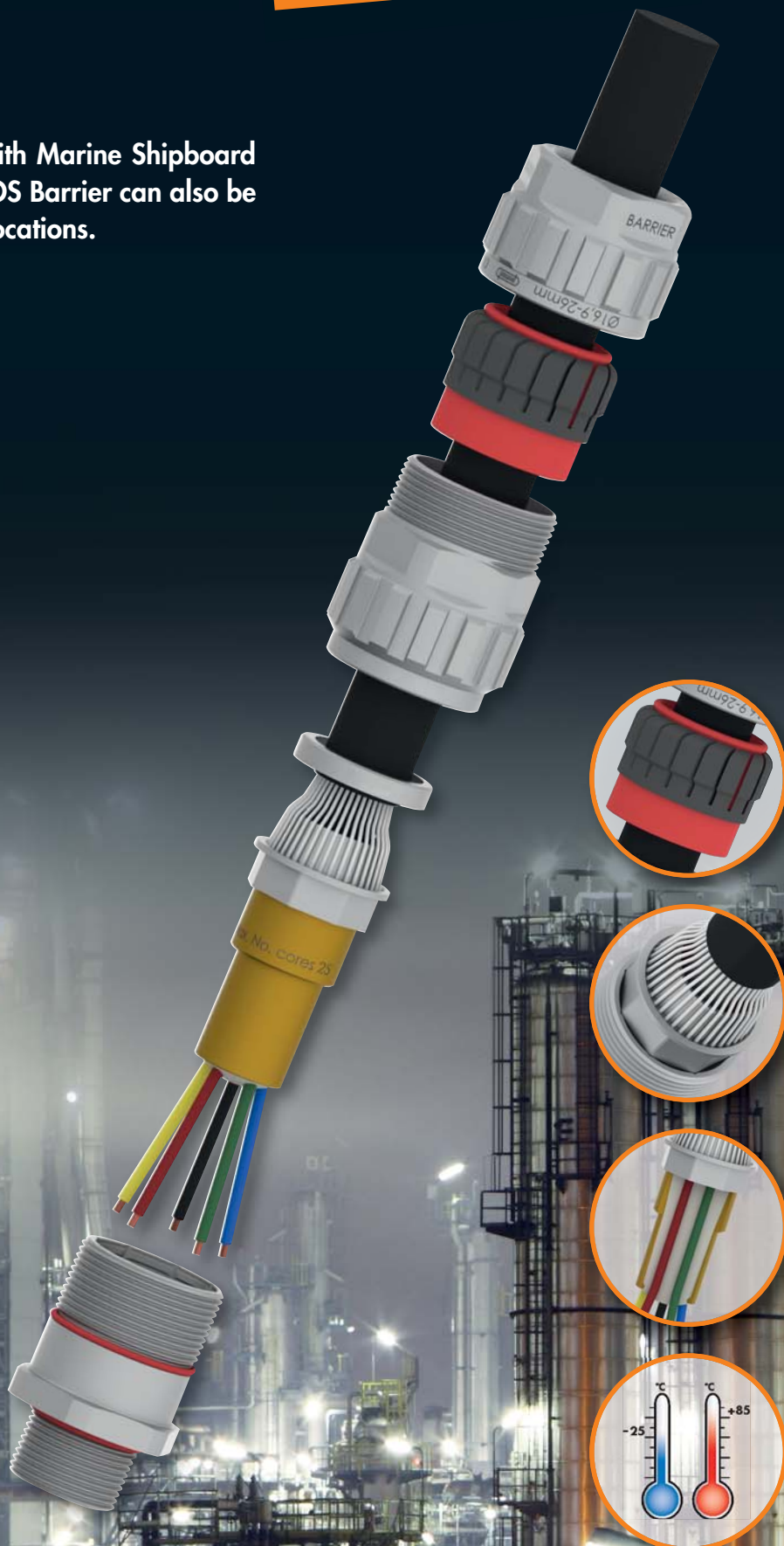
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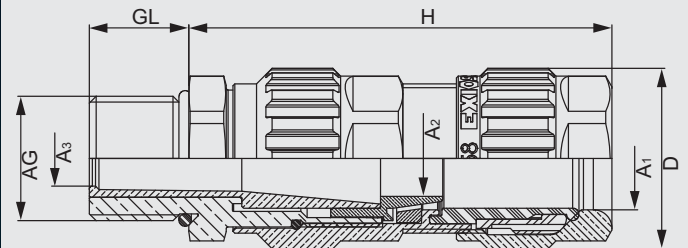
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- Class III
- Class I; Zone 1; AEx d IIB



Type: EXIOS BARRIER

Materials and Technical Data

Material	nickel-plated brass
Seals / O-Rings	silicone, VMQ
Compound	Epoxy-Putty
Clamping insert	PA 6
Armour	Metallic Armour or Screen
Temperature Range	-25° C – 85° C (-13 °F – 185 °F)
Protection	IP 66, 67 and 68 (5 bar)
UL-File	E 351373



Metric nickel plated brass

Number	Gland Size	AG	mm	D mm	H max.	GL mm	A1 mm	A2 max. inner sheath	A3 max. over cores	Armour Øk mm		
										max. No. cores	Clamping ring 1	Clamping ring 2
1.6U6.2003.50	20 – 1	M20x1,5	22	27	69,5	16	6 – 12	8,2	7,9	8	0 – 0,7	0,7 – 1,25
1.6U6.2003.51	20 – 2	M20x1,5	24	29	74,3	16	9 – 16	12	8,8	10	0 – 0,7	0,7 – 1,25
1.6U6.2003.52	20 – 3	M20x1,5	30	35	80,5	16	12,5 – 20,5	14	11,5	15	0 – 0,7	0,7 – 1,4
1.6U6.2503.51	20 – 3	M25x1,5	30	35	80,5	16	12,5 – 20,5	14	11,5	15	0 – 0,7	0,7 – 1,4
1.6U6.2503.50	25	M25x1,5	36	42	91	16	16,9 – 26	20	16,4	25	0 – 0,7	0,9 – 1,6
1.6U6.3203.50	32	M32x1,5	46	52	96	16	22 – 33	26	21,4	45	0 – 0,7	1,3 – 2,0
1.6U6.4003.50	40	M40x1,5	55	64	107	16	28 – 41	33,2	27,6	70	0 – 0,7	1,3 – 2,0
1.6U6.5003.50	50	M50x1,5	65	73	131,5	16	36 – 52,6	44,2	37,5	85	0 – 1,0	1,5 – 2,5
1.6U6.6303.50	63	M63x1,5	80	90	144,5	16	46 – 65,3	56,2	47,3	120	0 – 1,0	1,5 – 2,5
1.6U6.7503.50	75	M75x1,5	95	107	154	16	57 – 78	68,2	58	150	0 – 1,0	1,5 – 2,5

NPT nickel plated brass

Number	Gland Size	AG	mm	D mm	H max.	GL mm	A1 mm	A2 max. inner sheath	A3 max. over cores	Armour Øk mm		
										max. No. cores	Clamping ring 1	Clamping ring 2
1.6U6.1203.70	20 – 2	NPT 1/2"	24	29	68,0	20	9 – 16	12	8,8	10	0 – 0,7	0,7 – 1,25
1.6U6.1203.71	20 – 3	NPT 1/2"	30	35	73,0	20	12,5 – 20,5	14	11,5	15	0 – 0,7	0,7 – 1,4
1.6U6.3403.70	25	NPT 3/4"	36	42	81,3	20,5	16,9 – 26	20	16,4	25	0 – 0,7	0,9 – 1,6
1.6U6.1003.70	32	NPT 1"	46	52	85,5	25	22 – 33	26	21,4	45	0 – 0,7	1,3 – 2,0
1.6U6.5403.70	40	NPT 1 1/4"	55	64	94,4	26	28 – 41	33,2	27,6	70	0 – 0,7	1,3 – 2,0
1.6U6.6403.70	40	NPT 1 1/2"	55	64	94,4	26,5	28 – 41	33,2	27,6	70	0 – 0,7	1,3 – 2,0
1.6U6.2003.70	50	NPT 2"	65	73	116,3	27	36 – 52,6	44,2	37,5	85	0 – 1,0	1,5 – 2,5
1.6U6.5203.70	63	NPT 2 1/2"	80	90	127,6	40	46 – 65,3	56,2	47,3	120	0 – 1,0	1,5 – 2,5
1.6U6.3003.70	75	NPT 3"	95	107	136,5	41,5	57 – 78	68,2	58	150	0 – 1,0	1,5 – 2,5