

737 Series Adaptors and Reducers

Increased Safety and Flameproof

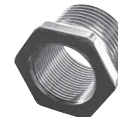
Cable Gland Accessories.

NEC/CEC:
Class 1, Group A, B, C, D
Zone 1, AEx de II
IP66/68 ①

ATEX/IECEX:
Zone 1 and 2 – 21 and 22
Ex II 2 GD
IP66/68 ①

Applications

- A wide range of thread conversion adaptors and reducers for hazardous area applications. Used to connect cable entry devices and equipment having dissimilar threads.
- Care should be taken to ensure that a suitable sealing gasket is also selected and installed, where applicable, to ensure that an effective seal is made at the entry, thereby maintaining the integrity of the enclosure or equipment IP rating.



Features

- Triple Certification Ex d/Ex e/Ex nR.

Standard Materials

- Nickel plated brass

Options

- Copper-free aluminum: replace last digit 5 with 1
- Brass version: remove last digit 5
- 316L stainless steel version: replace last digit 5 with 4
- Shroud, locknut, earth tag, entry thread seal, serrated washers, adaptors and reducers: see *Cable Gland Accessories* pages.

NEC/CEC Certifications and Complies

- UL Standard: 886 (1203), E60079-0, E60079-1, E60079-7
- CSA Standard: C22.2 No. 30, CAN/CSA E60079-0, CAN/CSA E60079-1, CAN/CSA E60079-7
- cCSAus Certified: 113642

ATEX/IECEX Certifications and Complies

- Certification Type 737
 - Gas: Zones 1
 - Type of Protection: Ex d IIC Gb, Ex e IIC Gb
 - Dust: Zone 20
 - Type of Protection: Ex ta IIIC Da
- Conforming to ATEX 94/9/CE: Ex II 2G 1D
- Operating Temperature: -60 °C to +200 °C (-76 °F to +392 °F) (Metallic)
- CE Declaration of Conformity: DC07001
- ATEX Certificate: Sira 13ATEX1265X
- IECEx Certificate: IECEx SIR 13.0094X
- Other Certifications: UL, cCSAus
- Marine Approval: LLOYDS, DNV, ABS
- Index of Protection according EN/IEC 60529: IP66, IP67, IP68 (when fitted with seal)

EURASEC Certification

- TC RU C-GB.Г505.B.00138

Catalog Numbering Guide

737

737 Series:
Zone 1, 2, 21
and 22
ATEX / IECEx
Certified

D

Blank - No O-Ring
R - Optional O-Ring

M

Male Thread Size:

- 1 - M16, 1/2" NPT, PG 9
- 2 - M20, 3/4" NPT, PG 11
- 3 - M25, 1" NPT, PG 13.5
- 4 - M32, 1-1/4" NPT, PG 16
- 5 - M40, 1-1/2" NPT, PG 21
- 6 - M50, 2" NPT, PG 29
- 7 - M63, 2-1/2" NPT, PG 36
- 8 - M75, 3" NPT, PG 42
- 9 - M90, 3-1/2" NPT, PG 48
- 10 - M100, 4" NPT

M

Female Thread Type:
M - Metric
T - NPT
P - PG

1

Female Thread Size:

- 1 - M16, 1/2" NPT, PG 9
- 2 - M20, 3/4" NPT, PG 11
- 3 - M25, 1" NPT, PG 13.5
- 4 - M32, 1-1/4" NPT, PG 16
- 5 - M40, 1-1/2" NPT, PG 21
- 6 - M50, 2" NPT, PG 29
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- 8 - M75, 3" NPT, PG 42
- 9 - M90, 3-1/2" NPT, PG 48
- 10 - M100, 4" NPT

5

Male Thread Type:
M - Metric
T - NPT
P - PG

Materials:
Blank - Brass
1 - Aluminum
4 - 316L Stainless
Steel
5 - Nickel Plated
Brass

Form of Protection:
D - Ex d, Ex e, Ex nR
G - General use in unclassified
(non-hazardous) areas

① IP68 with entry thread seal or O-Ring not supplied, see *Cable Gland Accessories and Tools*.

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Male Thread										Female Thread																		
Size	M16	M20	M25	M32	M40	M50	M63	M75	PG7	PG9	PG11	PG13.5	PG16	PG21	PG29	PG36	PG42	PG48	1/2" NPT/NPS (M)	3/4" NPT/NPS (M)	1" NPT/NPS (M)	1-1/4" NPT/NPS (M)	1-1/2" NPT/NPS (M)	2" NPT/NPS (M)	2-1/2" NPT/NPS (M)	3" NPT/NPS (M)	3-1/2" NPT/NPS (M)	4" NPT/NPS (M)
M16																												
M20																												
M25																												
M32																												
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2-1/2" NPT/NPS (M)																												
3" NPT/NPS (M)																												
3-1/2" NPT/NPS (M)																												
4" NPT/NPS (M)																												

Ex d/Ex e reducer
 Ex d/Ex e adaptor
 Non-certified adaptor

Thread Table

	Metric ①	NPT	PG
1	M16	1/2"	PG9
2	M20	3/4"	PG11
3	M25	1"	PG13.5
4	M32	1-1/4"	PG16
5	M40	1-1/2"	PG21
6	M50	2"	PG29
7	M63	2-1/2"	PG36
8	M75	3"	PG42
9	M90	3-1/2"	PG48
10	M100	4"	—

① IP68 with entry thread seal or O-Ring (not supplied), see Cable Gland Accessories and Tools.

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HAZARDOUS LOCATION FITTINGS: CABLE GLAND ACCESSORIES AND TOOLS

637

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Appleton®

HAZARDOUS LOCATION FITTINGS: CABLE GLAND ACCESSORIES AND TOOLS

Reducers (Nickel Plated Brass)			Adaptors (Nickel Plated Brass)		
Male Thread	Female Thread	Catalog Number	Male Thread	Female Thread	Catalog Number
M20	M16	737DM2M15	M16	M20	737DM1M25
M25	M16	737DM3M15	M20	M25	737DM2M35
M25	M20	737DM3M25	M25	M32	737DM3M45
M32	M20	737DM4M25	M32	M40	737DM4M55
M32	M25	737DM4M35	M40	M50	737DM5M65
M40	M25	737DM5M35	M50	M63	737DM6M75
M40	M32	737DM5M45	M63	M75	737DM7M85
M50	M32	737DM6M45	M75	M90	737DM8M95
M50	M40	737DM6M55	M90	M100	737DM9M105
M63	M40	737DM7M55	M16	1/2	737DM1T15
M63	M50	737DM7M65	M20	1/2	737DM2T15
M75	M50	737DM8M65	M20	3/4	737DM2T25
M75	M63	737DM8M75	M25	3/4	737DM3T25
1/2	3/4	737DT1T25	M25	1	737DM3T35
3/4	1/2	737DT2T15	M32	1	737DM4T35
1	1/2	737DT3T15	M32	1-1/4	737DM4T45
1	3/4	737DT3T25	M40	1-1/4	737DM5T45
1-1/4	3/4	737DT4T25	M40	1-1/2	737DM5T55
1-1/4	1	737DT4T35	M50	1-1/2	737DM6T55
1-1/2	1	737DT5T35	M50	2	737DM6T65
1-1/2	1-1/4	737DT5T45	M63	2	737DM7T65
2	1-1/4	737DT6T45	M63	2-1/2	737DM7T75
2	1-1/2	737DT6T55	M75	2-1/2	737DM8T75
2-1/2	1-1/2	737DT7T55	M75	3	737DM8T85
2-1/2	2	737DT7T65	1/2	M20	737DT1M25
3	2	737DT8T65	3/4	M20	737DT2M25
3	2-1/2	737DT8T75	3/4	M25	737DT2M35
3-1/2	2-1/2	737DT9T75	1	M25	737DT3M35
3-1/2	3	737DT9T85	1	M32	737DT3M45
4	3	737DT10T85	1-1/4	M32	737DT4M45
4	3-1/2	737DT10T95	1-1/4	M40	737DT4M55
			1-1/2	M40	737DT5M55
			1-1/2	M50	737DT5M65
			2	M50	737DT6M65
			2	M63	737DT6M75
			2-1/2	M63	737DT7M75
			2-1/2	M75	737DT7M85
			3	M75	737DT8M85

① IP68 with entry thread seal or O-Ring not supplied, see Cable Gland Accessories and Tools.