

737 Series Adaptors and Reducers

Increased Safety and Flameproof

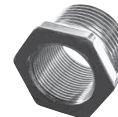
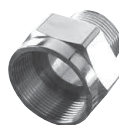
Cable Gland Accessories.

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 Compliances

- 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

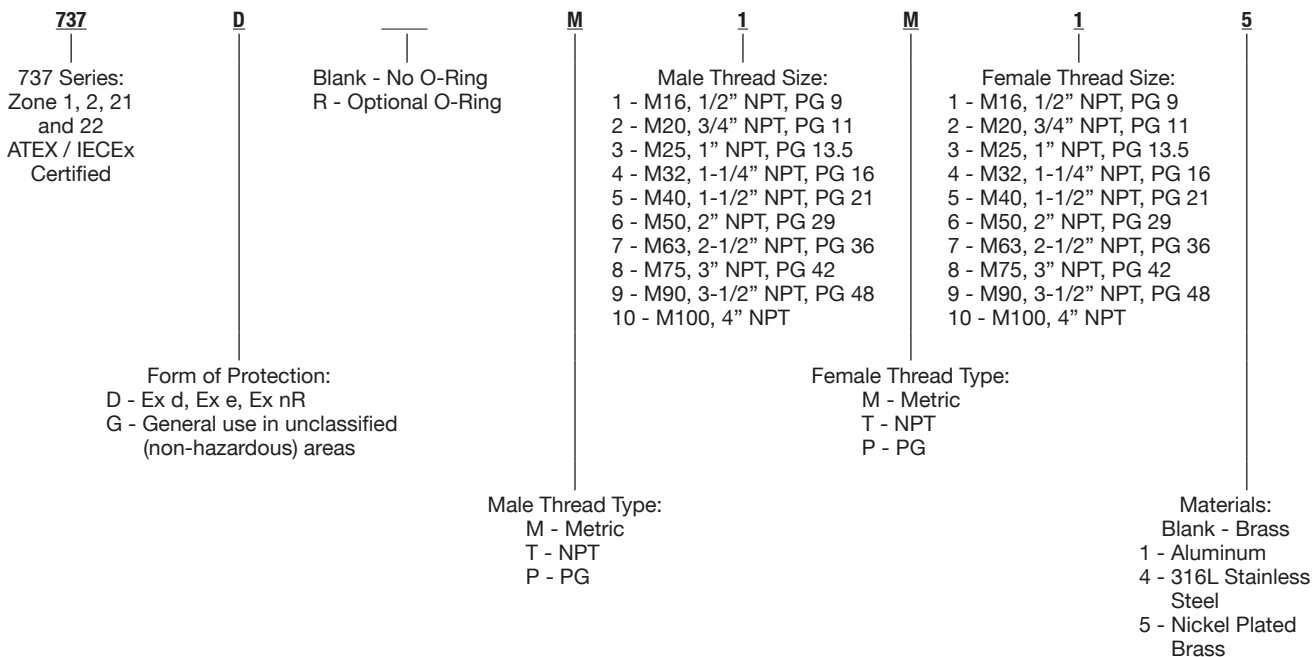
ATEX/IECEX Certifications and Compliances

- 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



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

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

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																												
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)																												

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.

Visit our website at www.emerson.com or contact us at (800) 621-1506.
© November 2016

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

Appleton®

HAZARDOUS LOCATION FITTINGS: CABLE GLAND ACCESSORIES AND TOOLS

Reducers (Nickel Plated Brass)

Male Thread	Female Thread	Catalog Number
M20	M16	737DM2M15
M25	M16	737DM3M15
M25	M20	737DM3M25
M32	M20	737DM4M25
M32	M25	737DM4M35
M40	M25	737DM5M35
M40	M32	737DM5M45
M50	M32	737DM6M45
M50	M40	737DM6M55
M63	M40	737DM7M55
M63	M50	737DM7M65
M75	M50	737DM8M65
M75	M63	737DM8M75
1/2	3/4	737DT1T25
3/4	1/2	737DT2T15
1	1/2	737DT3T15
1	3/4	737DT3T25
1-1/4	3/4	737DT4T25
1-1/4	1	737DT4T35
1-1/2	1	737DT5T35
1-1/2	1-1/4	737DT5T45
2	1-1/4	737DT6T45
2	1-1/2	737DT6T55
2-1/2	1-1/2	737DT7T55
2-1/2	2	737DT7T65
3	2	737DT8T65
3	2-1/2	737DT8T75
3-1/2	2-1/2	737DT9T75
3-1/2	3	737DT9T85
4	3	737DT10T85
4	3-1/2	737DT10T95

Adaptors (Nickel Plated Brass)

Male Thread	Female Thread	Catalog Number
M16	M20	737DM1M25
M20	M25	737DM2M35
M25	M32	737DM3M45
M32	M40	737DM4M55
M40	M50	737DM5M65
M50	M63	737DM6M75
M63	M75	737DM7M85
M75	M90	737DM8M95
M90	M100	737DM9M105
M16	1/2	737DM1T15
M20	1/2	737DM2T15
M20	3/4	737DM2T25
M25	3/4	737DM3T25
M25	1	737DM3T35
M32	1	737DM4T35
M32	1-1/4	737DM4T45
M40	1-1/4	737DM5T45
M40	1-1/2	737DM5T55
M50	1-1/2	737DM6T55
M50	2	737DM6T65
M63	2	737DM7T65
M63	2-1/2	737DM7T75
M75	2-1/2	737DM8T75
M75	3	737DM8T85
1/2	M20	737DT1M25
3/4	M20	737DT2M25
3/4	M25	737DT2M35
1	M25	737DT3M35
1	M32	737DT3M45
1-1/4	M32	737DT4M45
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.