

737 Series Adaptors and Reducers

Increased Safety, Flameproof and Dust Locations
Cable Gland Accessories

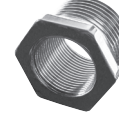
NEC/CEC: Class 1, Group A, B, C, D | Zone 1, AEx de II | IP66/68 ①

ATEX/IECEx: Zones 1 and 2 – 20

Notable: UKEX, INMETRO, EAC Certified

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

- Wide range of thread types, sizes and materials.

Standard Materials

- Nickel plated brass

Options

- Copperfree 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: UL50 Edition 11, UL1203 Edition 4, UL 60079-0, 1, 7
- UL Listed: E214221
- CSA Standard: C22.2 No.0, 0.5, 30, 94, CAN/CSA E60079-0, 1, 7, CAN-CSA E61241-1
- cCSAus Certified: 1055233

ATEX/IECEx Certifications and Compliances

- Certification Type: 737
 - Gas: Zones 1
 - Type of Protection: Ex db IIC Gb, Ex eb IIC Gb
 - Dust: Zone 20
 - Type of Protection: Ex ta IIIC Da

- Conforming to ATEX 2014/34/EU: II 2G 1D
- Operating Temperature: -60 °C to +200 °C (-76 °F to +392 °F)(metallic)
- ATEX Certificate: CML 18ATEX1320X
- IECEx Certificate: IECEx CML 18.0177X, IECEx SIM 15.0002X
- Index of Protection according EN/IEC 60529: IP66, IP67, IP68 (when fitted with seal)

UKEX Certifications

- UKEX Certificates: CML 21UKEX1238X

INMETRO Certifications

- INMETRO Certificate: TÜV 12.1332X, for INMETRO marking, replace D by B. Example: 737UM3M25

EAC Certifications

- EAC Certificate: C-GB.A07.B.02500/20, for EAC marking, replace D by U. Example: 737BM3M25

Other Certifications

- CCOE/PESO (India), ECAS (UAE), UkrSEPRO (Ukraine)
- Marine Approval: LLOYDS, DNV, ABS

Catalog Numbering Guide

737 737 Series: Zone 1 and 20 ATEX / IECEx Certified	D Type of Protection: D - Ex db, Ex eb, Ex nR	R Blank - No O-Ring R - Optional O-Ring	M Male Thread Type: M - Metric T - NPT P - PG	1 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 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	5 Materials: Blank - Brass 1 - Aluminum 4 - 316L Stainless Steel 5 - Nickel Plated Brass
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① IP68 with entry thread seal or O-Ring not supplied, see Cable Gland Accessories and Tools.

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Sizing Table

Table with 2 columns: Male Thread, Female Thread. Rows include sizes M16, M20, M25, M32, M40, M50, M63, M75, PG7, PG9, PG11, PG13.5, PG16, PG21, PG29, PG36, PG42, PG48, 1/2" NPT, 3/4" NPT, 1" NPT, 1 1/4" NPT, 1 1/2" NPT, 2" NPT, 2 1/2" NPT, 3" NPT, 3 1/2" NPT, 4" NPT. Cells are shaded to indicate compatibility: light gray for Ex d, Ex and Ex ta Certified Reducer; dark gray for Ex d, Ex e and Ex ta Certified Adapter; white for Non-Certified Adapter.

Ex d, Ex and Ex ta Certified Reducer
Ex d, Ex e and Ex ta Certified Adapter
Non-Certified Adapter

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

Hazardous Location Fittings

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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"	–

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

Adapters (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 avec joint de filet ou joint torique (non fourni) - Voir Section Accessoires.