



TECHNICAL DATA

CABLE GLAND TYPE : 737 and 797
 INGRESS PROTECTION : IP66, IP67 & IP68 (when fitted with CMP sealing accessories) see reverse for further guidance
 PROCESS CONTROL SYSTEM : BS EN ISO 9001 - ISO/IEC 80079-34:2011

INSTALLATION INSTRUCTIONS

Installation should only be performed by a competent person using the correct tools. Ensure thread type and size are compatible with the associated enclosure / fitting threads. Fully tighten threads

ACCESSORIES

The following accessories are available from CMP Products, as optional extras, to assist with fixing, sealing and earthing: Locknut | Earth Tag | Serrated Washer | Entry Thread (I.P.) Sealing Washer

Male Thread (mm)	Female Thread (mm)	737	797 (Female to Female)	797 (Male to Male)	Metallic Products Recommended Tightening Torque (Nm)
M16	M16	737GM1M1	797GM1FM1F	797GM1MM1M	20
M20	M20	737GM2M2	797GM2FM2F	797GM2MM2M	25
M25	M25	737GM3M3	797GM3FM3F	797GM3MM3M	30
M32	M32	737GM4M4	797GM4FM4F	797GM4MM4M	35
M40	M40	737GM5M5	797GM5FM5F	797GM5MM5M	45
M50	M50	737GM6M6	797GM6FM6F	797GM6MM6M	65
M63	M63	737GM7M7	797GM7FM7F	797GM7MM7M	95
M75	M75	737GM8M8	797GM8FM8F	797GM8MM8M	120
M90	M90	737GM9M9	797GM9FM9F	797GM9MM9M	155
M100	M100	737GM10M10	797GM10FM10F	797GM10MM10M	170
M115	M115	737GM11M11	797GM11FM11F	797GM11MM11M	195
M130	M130	737GM12M12	797GM12FM12F	797GM12MM12M	205

INSTALLATION INSTRUCTIONS FOR CMP ADAPTORS/REDUCERS TYPE 737 AND 797

ADAPTORS AND REDUCERS TO CHANGE THE SIZE, TYPE OR GENDER OF A THREADED COMPONENT.

TYPE 737 AND 797 ADAPTORS / REDUCERS



TYPE 737 ADAPTOR

- Female thread size is the same size or larger than the male thread

TYPE 737 REDUCER

- Female thread size is smaller than the male thread

TYPE 737R

- 737 Adaptor or Reducer incorporating an O ring thread seal

TYPE 797 ADAPTOR

- Adaptor to change a thread gender



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INSTALLATION INSTRUCTIONS FOR CMP 737 AND 797

The illustrations provided below are indicative of some of the common methods of installation configurations adopted. These are for informative guidance only and relevant site conditions and Engineering Specification along with any specified National or International Codes of Practice must always take precedence.

Images show typical CMP Cable Gland

PARALLEL X PARALLEL ADAPTOR THROUGH CLEARANCE HOLE

Earth continuity may be achieved via Earth Tag when specified

Locknut (3.2 mm), Serrated Washer (3.3 mm), Sealing Washer (2.0 mm), 16 Gauge Stainless Steel Enclosure Wall (1.6 mm) – **Total 10.1 mm**

Cable Gland Thread Length = 15.0 mm

Labels: Earth Tag, IP66, Optional Serrated Washer, Locknut, Light Duty Enclosure, Parallel x Parallel Adaptor, Entry Thread Seal

When using an Earth Tag in IP67, 68 applications please contact CMP

PARALLEL X PARALLEL ADAPTOR THROUGH CLEARANCE HOLE

Earth continuity may be achieved via Earth Tag when specified

Locknut (3.2 mm), Serrated Washer (3.3 mm), Sealing Washer (2.0 mm), 16 Gauge Stainless Steel Enclosure Wall (1.6 mm) – **Total 10.1 mm**

Cable Gland Thread Length = 15.0 mm

Labels: Earth Tag, IP66, IP67*, IP68*, Optional Serrated Washer, Locknut, Light Duty Enclosure, Parallel x Parallel Adaptor, Entry Thread Seal

When using an Earth Tag in IP67, 68 applications please contact CMP

PARALLEL X PARALLEL ADAPTOR INTO THREADED ENCLOSURE

Earth continuity achieved via threaded entry or Earth Tag when specified

Sealing Washer (2.0 mm), Enclosure Wall (10.0 mm) – **Total 12.0 mm**

Cable Gland Thread Length = 15.0 mm

Labels: Earth Tag, IP66, Metallic Threaded Enclosure, Parallel x Parallel Adaptor, Entry Thread Seal

When using an Earth Tag in IP67, 68 applications please contact CMP

PARALLEL X TAPERED ADAPTOR THROUGH CLEARANCE HOLE

Earth continuity may be achieved via Earth Tag when specified

Locknut (3.2 mm), Serrated Washer (3.3 mm), Sealing Washer (2.0 mm), Earth Tag (1.5 mm), 10 Gauge Galvanised Steel Enclosure Wall (3.5 mm) – **Total 13.5 mm**

Cable Gland Thread Length = 15.0 mm

Labels: Earth Tag, IP66, Light Duty Enclosure, Serrated Washer, Locknut, Gap, Parallel x Tapered Adaptor, Entry Thread Seal

When using an Earth Tag in IP67, 68 applications please contact CMP

PARALLEL X TAPERED ADAPTOR INTO THREADED ENCLOSURE

Earth continuity may be achieved via threaded entry or Earth Tag when specified

Sealing Washer (2.0 mm), Earth Tag (1.5 mm), Enclosure Wall (7.5 mm) – **Total 11.0 mm**

Cable Gland Thread Length = 15.0 mm

Labels: Earth Tag, IP66, Metallic Threaded Enclosure, Gap, Parallel x Tapered Adaptor, Entry Thread Seal

When using an Earth Tag in IP67, 68 applications please contact CMP

TAPERED X TAPERED ADAPTOR INTO THREADED ENCLOSURE

Earth continuity may be achieved via threaded entry or Earth Tag when specified

Labels: Earth Tag, IP66, IP67**, IP68**, Metallic Threaded Enclosure, Gap, Tapered x Tapered Adaptor

INSTALLATION TORQUES	
Male Thread Metric	Metallic Products Recommended Tightening Torque (Nm)
M16	20
M20	25
M25	30
M32	35
M40	45
M50	65
M63	95
M75	120
M90	155
M100	170
M115	195
M130	205