



## Certificate of Assessment **CML 15CA932-2** Issue **3**

- 1 Component **Industrial cable glands PR111, 121, PSG 121 123, 153/UNIVERSAL, 153/ RAC, 150/ RAC, 151/ RAC and 114 metallic gland ranges**  
**H1BW, H1BX, H1A2, H1A2X, H1CW, H1CX, H1E1W and H1E1X metallic gland ranges**  
**501/453 UNIV, ICG 653 UNIV Barrier and Diaphragm Seal Cable Glands**
- 2 Manufacturer **Hawke International**
- 3 Address Oxford Street West  
Ashton Under Lyne  
Lancashire  
OL7 0NA  
UK
- 4 The components specified have been evaluated against the requirements of the standard specified in Section 6.
- 5 This evaluation is based on the following documents:  
R12950A/00
- 6 Specification: IEC 62444:2010, Ed 1      BS EN 62444:2013  
(Metric and NPT threads)      (Metric threads only)  
  
BS 6121-1:2005
- 7 Assessment This is to certify that, on the basis of the testing carried out, that the above model ranges of Cable Glands were considered to comply with the requirements listed in section 6.
- 8 Date: 14<sup>th</sup> December 2015      Issue 0  
16 June 2016      Issue 1 Amended to include IP rating  
19 August 2020      Issue 2 Typographic error corrected  
16 June 2020      Issue 3 Introduction of 501/453 UNIV and ICG 653 UNIV Barrier and Diaphragm Seal Cable Glands and identity of Ex cable glands components vs industrial versions.
- 9 Marking The glands have the following marking
  - Manufacturer's trademark
  - IEC/EN 62444 or BS 6121
  - Model reference/Type designation
  - IP 66/67 (as applicable)
 Entry thread form and size

D R Stubbings  
Technical Director

10 Description of Equipment

PR111, 121, PSG 121, 123, 153/UNIVERSAL, 153/ RAC, 150/ RAC, 151/ RAC and 114 metallic gland ranges

GLAND TYPE	SEALS	CABLE TYPES	ANCHORAGE	IMPACT	ELECTRICAL CURRENT
PR111	Outer	Non-armoured & Braided	TYPE A+B	CAT 6	CAT B
121	Outer	Non-armoured & Braided	TYPE A+B	CAT 6	CAT B
PSG121	Outer	Non-armoured & Braided	TYPE A+B	CAT 6	CAT B
123	Outer	Non-armoured & Braided	TYPE A+B	CAT 6	CAT B
153/UNIVERSAL	Inner & outer	Braided, Single wire armour, Steel tape armour, Strip armour, Pliable wire armour & Lead sheath	TYPE D	CAT 6	CAT B
153/ RAC	Inner & outer	Braided, Single wire armour, Steel tape armour, Strip armour, Pliable wire armour & Lead sheath	TYPE D	CAT 6	CAT B
150/ RAC	No Seal	Braided, Single wire armour, Steel tape armour, Strip armour & Pliable wire armour	TYPE D	CAT 6	CAT B
151/ RAC	Outer	Braided, Single wire armour, Steel tape armour, Strip armour & Pliable wire armour	TYPE D	CAT 6	CAT B
114	Outer	Non-armoured & Braided	TYPE A+B	CAT 6	CAT B

501/453 UNIV and ICG 653 UNIV Barrier and Diaphragm Seal Cable Glands

Gland Type	Seals	Cable Types	Anchorage	Impact	Electrical current
501/453 UNIV	Outer sealing ring and internal diaphragm seal	Armoured	Type D	Cat 6	Cat B
ICG 653 UNIV	Outer sealing ring and internal compound barrier	Armoured	Type D	Cat 6	Cat B

**11 Conditions of Certification / Manufacture**

- i. The cable glands shall be marked the information in section 10 as a minimum, the marking shall be done in a clear, legible, visible and indelible manner.
- ii. All production units shall be conducted under a third party quality system
- iii. This certificate relates only to the cable glands specified herein as executed in the samples supplied for evaluation under R932A/00.
- iv. In applying the marking to the glands, the manufacturer attests on its own responsibility that the product conforms to the documentation listed herein.
- v. The manufacturer shall make a copy of the certificate and instructions available. The instructions must include relevant application information including, thread form, type / size of cables, etc

**12 Special Conditions for safe Use**

- i. The following service temperature ranges are applicable to the washers and seals utilised to maintain the IP rating:

Gland Type	Allowable temperature	
	Minimum	Maximum
PR111, 121, PSG 121, 123, 153/ UNIVERSAL, 153/ RAC, 150/ RAC, 151/ RAC and 114	-60°C	+80°C
H1BW, H1BX, H1A2, H1A2X, H1CW, H1CX, H1E1W and H1E1X	-60°C	100°C