

[1]

**STATEMENT OF ASSESSMENT**

- [2] Certificate Number: **EPTI 22 IEC 0423**
- [3] Equipment: **Industrial Cable Glands**  
Model: **PNA and PAP series, sizes from 1 to 8, metric and NPT threads**
- [4] Manufacturer: **BARTEC F.N. S.R.L.**
- [5] Address: **Via Mario Pagano, 3 – 20090 Trezzano sul Naviglio (MI) - Italy**
- [6] This equipment and its accepted variations are specified in the annex to this Certificate.
- [7] Eurofins Product Testing Italy S.r.l. certifies that this equipment has been found to comply with the standard:

IEC 62444:2010 (\*)

equivalent to the standard BS EN 62444:2013 which is the reference standard for the versions of the standards:

- BS EN 50262;
- BS 6121-1;

that it supersedes.

(\*) The cable glands have been assessed according to the following clauses of the standard IEC 62444:2010, basing on the performance categories requested by the customer:

- §5 General conditions for tests;
- §9.3 Cable anchorage test for non-armoured cable;
- §9.4 Cable anchorage test for armoured cable;
- §9.5 Resistance to impact;
- §12.1 Degree of protection in accordance with IEC 60529 (IP Code).

- [8] On the basis of the tests carried out, the above model ranges of cable glands were considered to comply with the requirements listed in section 7.

The examination and test results are recorded in the Report N° EPT.22.IEC.0226/2123039.

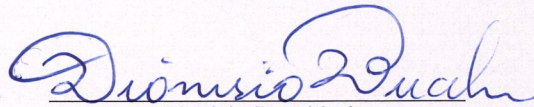
- [9] The cable glands have the following marking:

- Indication of the manufacturer: trademark and name;
- Identification of the product: model and size of the cable gland.

Place and date of issue:

(DD-MM-YYYY)

**Torino, 23-12-2022**



Dionisio Bucchieri  
Directive Responsible

This Certificate has 3 pages and it is reproducible only in its entirety. Conditions of validity are reported below.



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**ANNEX  
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## [12] Equipment description

Metallic cable glands series PNA for non-armoured cables, sizes from 1 to 8, with metric and NPT threads and EPDM seals.

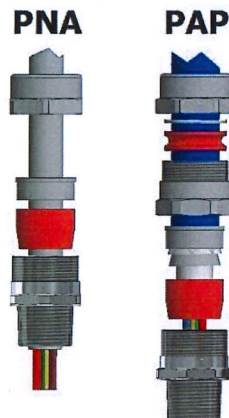
Metallic cable glands series PAP for armoured cables, sizes from 1 to 8, with metric and NPT threads and EPDM seals.

Series	Size	Seals	Thread	Cable type	Anchorage	Impact	IP grade
PNA	From 1 to 8	Outer	Metric	Non-armoured	Type B	CAT 6	IP 66
PNA	From 1 to 8	Outer	NPT	Non-armoured	Type B	CAT 6	IP 66
PAP	From 1 to 8	Inner and outer	Metric	Armoured	Type C	CAT 6	IP 66
PAP	From 1 to 8	Inner and outer	NPT	Armoured	Type C	CAT 6	IP 66

The difference between metric and NPT cable glands is the thread on the gland body which has to be screwed into the case.

Each cable gland can fit different cable diameters. In order to do this, it is provided with three different sealing ring with different internal diameters.

Below are shown the PNA and the PAP cable glands.



The PNA series cable glands are made of a metallic threaded body in which is put the EPDM seal (in red), pushed inside the body by means of a metallic nut and a metallic ring.

The PAP series cable glands are made of two metallic bodies. One to be threaded onto the enclosure and the other one to be screwed on the first body in order to push inside it the internal seal and the rings for clamping the armour of the cable.

Its metallic nut is to be screwed onto the intermediate body which pushes the outer seal inside it, in order to seal the outer side of the cable.



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**[13] Special conditions for a safe use**

The following service temperature ranges are applicable to the seals utilized to maintain the IP rating:

Series	Size	Thread	Allowable temperature	
			Minimum / °C	Maximum / °C
PNA	From 1 to 8	Metric	-40	90
PNA	From 1 to 8	NPT	-40	90
PAP	From 1 to 8	Metric	-40	90
PAP	From 1 to 8	NPT	-40	90

**[14] Descriptive documents**

The equipment objects of this Certificate is described by the following documents:

Type of document	Name	Rev	Date
Instruction for use	IU11-217	5	06-01-2022

**[15] Terms and conditions**

The product liability rests with the Manufacturer, his representative or, in the absence of a representative, with the importer, in accordance with the General Product Safety Directive 2001/95/CE.

The following conditions may render this Certificate invalid:

- changes in the design or construction of the product;
- changes or amendments in the standards.

Factory production controls are not under the scope of this assessment.

**[16] Certificate History**

Issue	Description	Date
0	First Emission	23-12-2022

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End of Certificate

23-12-2022  
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