



# TYPE APPROVAL CERTIFICATE

N. ELE139017CS004



This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA type approval system.

<b>Description</b>	<b>Cable gland</b>
<b>Type</b>	<b>P** Series P*R* Series</b>
<b>Applicant</b>	<b>FEAM S.r.l. Via M. Pagano, 3 20090 Trezzano sul Naviglio (MI) Italy</b>
<b>Manufacturer</b>	<b>FEAM S.r.l. Via M. Pagano, 3 20090 Trezzano sul Naviglio (MI) Italy</b>
<b>Testing Standards</b>	<b>EN60079-0: 2009; EN60079-1: 2007; EN60079-7: 2007; EN60079-31: 2009 IEC 60079-0:2011; IEC60079-1:2007; IEC60079-7:2006; IEC60079-31:2008</b>

Issued in **Genova** on **December 07, 2017.**

This certificate is valid until **December 06, 2022**

*Valerio Bonanni*

**RINA Services S.p.A.**

*Valerio Bonanni*



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## Materials /Components

### Cable Gland type P\*\* or P\*R\*(1)

Cable glands can be used with diameter cables 4 mm up to 92mm for size 00 up to size 9.

Cable glands are intended with the following threaded joints:

- Conical thread NPT : 3/8" up to 4"
- Cylindrical thread ISO-262 : M16x1.5 mm or 2 mm up to M115 x 1.5 mm or 2mm
- ISO228 : 3/8 up to 4"
- DIN 40430 Pg11 up to Pg16, Pg29, PG36 up to PG48

### Number of EC Type Examination Certificate:

INERIS 09ATEX 0028X issue 01 to 04

### Marking :

II 2 G D

Ex d IIC Gb or Ex e IIC Gb or Ex ia IIC Gb

Ex tb IIC Db IP66 or IP66/68

(Type and size of thread)

### On the sealing ring:

Indication of the minimum and maximum diameters.

The sealing ring shall be also identified allowing the user to determine if the ring is appropriate for the cable gland

### On the small cable glands the marking can be reduced at:

P(\*\*) or P\*R\*(1)

### Number of EC Type Examination Certificate:

INERIS 09ATEX 0028X issue 01 to 04

### Marking :

Ex d/e/ia/tb

### On the sealing ring:

Indication of the minimum and maximum diameters.

The sealing ring shall be also identified allowing the user to determine if the ring is appropriate for the cable gland

(1) Type is completed by letters and numbers corresponding to the manufacturer variations.

### Safety Standard:

EN60079-0:2009; EN60079-1: 2007; EN60079-7: 2007; EN60079-31: 2009

IEC60079-0:2011; IEC60079-1: 2007; IEC60079-7:2006; IEC60079-31:2008

### Reference documents

Instruction for use: Cable-glands series P\*\* - Stopper (barrier) Cable- glands series P\*R\*

IU11-217 rev. 3 \_ Certification file N°11-217 Rev.3

### General remarks :

Reference ambient temperature on board is 45°C ; Safety parameters to be considered accordingly.

Sign U, when it is placed following the Number of the EC Type Examination Certificate, indicates this one should not be wrongly considered as an EC type examination certificate delivered for equipment or protective system.

This partial certification may be used as a basis for the certification of equipment or protective system.

Installation, use and maintenance to be in accordance with the Manufacturer Instructions and Type Examination Certificate requirements.