

NEVP series cable glands are suitable for use in areas with the risk of explosion, allowing the direct insertion of armoured cables in explosion proof enclosures and the installation of lead sheathed cables. They are supplied with a sealing ring which is stretched over the cable at the inlet to guarantee 'Ex d' execution, and a second compression ring which is stretched over the cable armour at the outlet to guarantee an IP 66/68 protection rating, and a metal ring which affixes to the outer surface of the lead sheath as it is wound, fastening it in place. Their structure makes them suitable for environments which are particularly difficult, such as marine environments, or where there are subjected to the mechanical stresses and impacts which often occur in heavy industry, where safety is the utmost priority.



Interactive Point

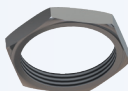


[Safety, use and maintenance instructions](#)

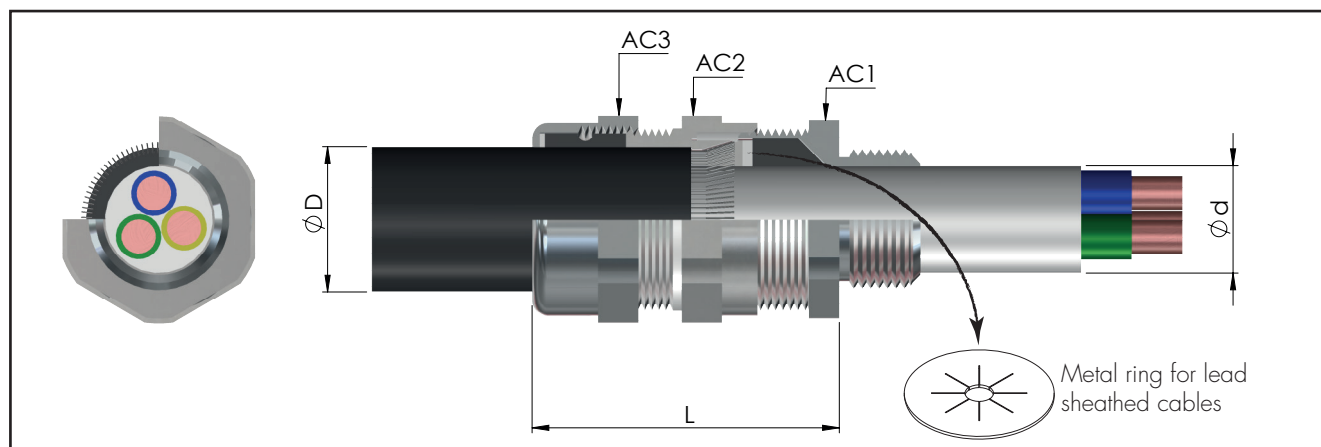
|                                      |                                                                                                                                               |                                 |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Classification:</b><br>2014/34/EU | <b>Group II</b>                                                                                                                               | <b>Category 2GD/3G</b>          |
| <b>Installation:</b><br>EN 60079-14  | <b>zone 1 - zone 2 (Gas)</b>                                                                                                                  | <b>zone 21 - zone 22 (Dust)</b> |
| <b>Marking:</b>                      | CE 0722 Ex II 2 GD - Ex db IIC Gb - Ex eb IIC Gb<br>II 2 D - Ex tb IIC Db<br>II 3G Ex nR IIC Gc - IP66/68                                     |                                 |
| <b>Certification:</b>                | ATEX (category 2): IMQ 17 ATEX 016X                                                                                                           |                                 |
|                                      | ATEX (category 3): IMQ 17 ATEX 017X                                                                                                           |                                 |
|                                      | IEC Ex                                                                                                                                        | IECEx IMQ 17.0010X              |
|                                      | TR CU                                                                                                                                         | AVAILABLE                       |
| <b>Standards:</b>                    | CENELEC EN 60079-0: 2012+A11:2013, EN 60079-1: 2016, EN 60079-7: 2015, EN 60079-15: 2012, EN 60079-31: 2015 and EUROPEAN DIRECTIVE 2014/34/EU |                                 |
|                                      | IEC60079-0: 2011 IEC60079-1: 2014 IEC60079-7: 2015 IEC60079-15: 2015 IEC60079-31: 2013 RoHS Directive 2002/95/EC                              |                                 |
| <b>Operating temperature:</b>        | -60 °C +130 °C                                                                                                                                |                                 |
| <b>Protection rating:</b>            | IP66/68 (30 meters - 12 hours)                                                                                                                |                                 |
| <b>Design</b>                        | BS 6121: Part 1:1989, IEC 62444, EN 62444                                                                                                     |                                 |

Certificates are available on [www.cortemgroup.com](http://www.cortemgroup.com)

#### ACCESSORIES UPON REQUEST

| Locknuts                                                                            | ISO thread | Nickel-plated brass | Galvanized steel | Stainless steel                                                                     | Sealing ring for flat/healing cables                                                  | Black TPV protector                                                                   | CG       | Code                |
|-------------------------------------------------------------------------------------|------------|---------------------|------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------|
|  | M16x1,5    | DL01IB              | DL01IG           | DL01IS                                                                              |  |  | NEVP01NB | PGA1F               |
|                                                                                     | M20x1,5    | DL1IB               | DL1IG            | DL1IS                                                                               |                                                                                       |                                                                                       | NEVP1SNB | PGA1N               |
|                                                                                     | M25x1,5    | DL2IB               | DL2IG            | DL2IS                                                                               |                                                                                       |                                                                                       | NEVP1NB  | PGA1                |
|                                                                                     | M32x1,5    | DL3IB               | DL3IG            | DL3IS                                                                               |                                                                                       |                                                                                       | NEVP2NB  | PGA2N               |
|                                                                                     | M40x1,5    | DL4IB               | DL4IG            | DL4IS                                                                               |                                                                                       |                                                                                       | NEVP3NB  | PGA4                |
|                                                                                     | M50x1,5    | DL5IB               | DL5IG            | DL5IS                                                                               |                                                                                       |                                                                                       | NEVP4NB  | PGA5                |
|                                                                                     | M63x1,5    | DL6IB               | DL6IG            | DL6IS                                                                               |                                                                                       |                                                                                       | NEVP5SNB | PGA5                |
|                                                                                     | M75x1,5    | DL7IB               | DL7IG            | DL7IS                                                                               |                                                                                       |                                                                                       | NEVP5NB  | PGA5N               |
|                                                                                     | M90x1,5    | DL8IB               | DL8IG            | DL8IS                                                                               |                                                                                       |                                                                                       | NEVP6SNB | PGA6                |
|                                                                                     | M100x1,5   | DL10IB              | DL10IG           | DL10IS                                                                              |                                                                                       |                                                                                       | NEVP6NB  | PGA7                |
|                                                                                     | M115x1,5   | DL115IB             | DL115IG          | DL115IS                                                                             |                                                                                       |                                                                                       | NEVP7SNB | GTR Heat shrinkable |
|  | M16x1,5    | A0131B              | A0131S           |  | RD10IS/A4                                                                             |  | NEVP7NB  |                     |
|                                                                                     | M20x1,5    | A1311B              | A1311S           |                                                                                     | RD11IS/A4                                                                             |                                                                                       | NEVP8NB  |                     |
|                                                                                     | M25x1,5    | A2312B              | A2312S           |                                                                                     | RD12IS/A4                                                                             |                                                                                       | NEVP9NB  |                     |
|                                                                                     | M32x1,5    | A3313B              | A3313S           |                                                                                     | RD13IS/A4                                                                             |                                                                                       | NEVP10NB |                     |
|                                                                                     | M40x1,5    | A4314B              | A4314S           |                                                                                     | RD14IS/A4                                                                             |                                                                                       |          |                     |
|                                                                                     | M50x1,5    | A5315B              | A5315S           |                                                                                     | RD15IS/A4                                                                             |                                                                                       |          |                     |
|                                                                                     | M63x1,5    | A6316B              | A6316S           |                                                                                     | RD16IS/A4                                                                             |                                                                                       |          |                     |
|                                                                                     | M75x1,5    | A731B               | A731S            |                                                                                     |                                                                                       |                                                                                       |          |                     |
|                                                                                     | M90x1,5    | A831B               | A831S            |                                                                                     |                                                                                       |                                                                                       |          |                     |
|                                                                                     | M100x1,5   | A103110B            | A103110S         |                                                                                     |                                                                                       |                                                                                       |          |                     |
|                                                                                     | M115x1,5   | A1031B              | A1031S           |                                                                                     |                                                                                       |                                                                                       |          |                     |

\* For different threads, contact the sales department.



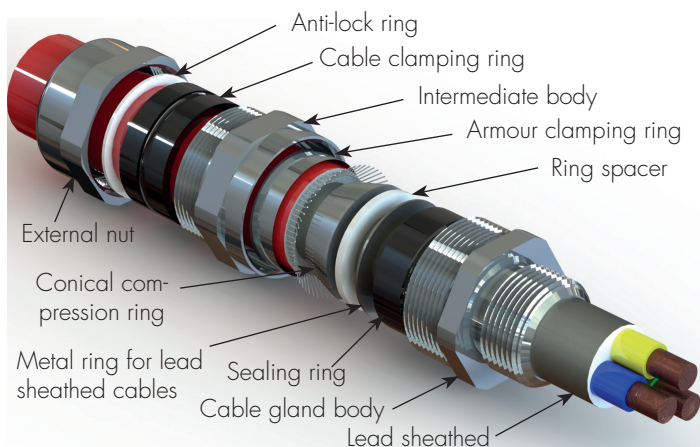
## CABLE GLAND SELECTION TABLE

| Code<br>Nickel-plated<br>brass | Thread     | Code<br>Nickel-plated<br>brass | Thread   | Dimensions in mm |     |     |     | Range                               |                                         | Armour<br>thickness | Weight<br>Kg |
|--------------------------------|------------|--------------------------------|----------|------------------|-----|-----|-----|-------------------------------------|-----------------------------------------|---------------------|--------------|
|                                |            |                                |          | AC1              | AC2 | AC3 | L   | Ød min-max<br>Internal cable sheath | ØD min-max<br>Outer sheath of the cable |                     |              |
| NEVP01NB                       | 3/8" NPT   | NEVP16IB                       | M16x1,5  | 24               | 24  | 24  | 59  | 3.5 - 8.6                           | 6 - 13.2                                | 0.2 - 1.3           | 0,145        |
| NEVP1SNB                       | 1/2" NPT   | NEVP20SIB                      | M20x1,5  | 24               | 26  | 26  | 59  | 6.3 - 11.6                          | 9.5 - 16                                | 0.2 - 1.3           | 0,157        |
| NEVP1NB                        | 1/2" NPT   | NEVP20IB                       | M20x1,5  | 30               | 32  | 32  | 61  | 6.5 - 14                            | 12.5 - 21                               | 0.2 - 1.4           | 0,215        |
| NEVP2NB                        | 3/4" NPT   | NEVP25IB                       | M25x1,5  | 36               | 38  | 38  | 61  | 11 - 20                             | 20 - 27.5                               | 0.2 - 1.6           | 0,261        |
| NEVP3NB                        | 1" NPT     | NEVP32IB                       | M32x1,5  | 45               | 47  | 47  | 72  | 17 - 27                             | 23.5 - 34                               | 0.2 - 2.0           | 0,433        |
| NEVP4NB                        | 1 1/4" NPT | NEVP40IB                       | M40x1,5  | 50               | 52  | 52  | 73  | 22 - 32                             | 26 - 40                                 | 0.2 - 2.2           | 0,514        |
| NEVP5SNB                       | 1 1/2" NPT | NEVP50SIB                      | M50x1,5  | 55               | 57  | 57  | 80  | 29.5 - 38                           | 35 - 46.5                               | 0.2 - 2.5           | 0,610        |
| NEVP5NB                        | 2" NPT     | NEVP50IB                       | M50x1,5  | 62/60*           | 62  | 62  | 81  | 35.5 - 44                           | 38 - 53                                 | 0.2 - 2.5           | 0,562        |
| NEVP6SNB                       | 2" NPT     | NEVP63SIB                      | M63x1,5  | 68               | 75  | 77  | 91  | 40 - 50                             | 45.5 - 59.5                             | 0.2 - 2.5           | 1,151        |
| NEVP6NB                        | 2 1/2" NPT | NEVP63IB                       | M63x1,5  | 75/73*           | 80  | 82  | 93  | 47 - 56                             | 54.5 - 66                               | 0.2 - 2.5           | 1,100        |
| NEVP7SNB                       | 2 1/2" NPT | NEVP75SIB                      | M75x1,5  | 80               | 85  | 90  | 97  | 53 - 62                             | 57 - 72                                 | 0.2 - 2.8           | 1,308        |
| NEVP7NB                        | 3" NPT     | NEVP75IB                       | M75x1,5  | 90/85*           | 95  | 100 | 99  | 59 - 68                             | 66.5 - 78.5                             | 0.2 - 2.8           | 1,538        |
| NEVP8NB                        | 3" NPT     | NEVP90IB                       | M90x1,5  | 100              | 105 | 110 | 104 | 66 - 79                             | 76.5 - 90                               | 0.2 - 2.8           | 2,000        |
| NEVP9NB                        | 3 1/2" NPT | NEVP100IB                      | M100x1,5 | 115              | 120 | 120 | 111 | 76 - 91                             | 86 - 101                                | 0.2 - 3.3           | 2,381        |
| NEVP10NB                       | 4" NPT     | NEVP115IB                      | M115x1,5 | 120              | 125 | 130 | 112 | 86 - 98                             | 100 - 110                               | 0.2 - 3.5           | 2,783        |

\* Dimensions with threaded: NPT / ISO

### Sample order code

|       |      |        |          |
|-------|------|--------|----------|
| NEVP  | 6    | N      | B        |
| MODEL | SIZE | THREAD | MATERIAL |



### TECHNICAL NOTES:

- Silicone o-rings are supplied for cylindrical threads (ISO metric) for the pre-assembled IP seal on the cable gland
- The ISO7/1 thread version is available upon request (sample code NEVP1B)
- Also available in stainless steel AISI 316 (sample code NEVP1S)
- Other materials on request
- For "Ex i" intrinsic safety version, RAL 5015 blue nut (sample code NEVP1SIA)
- Internal ring for armoured cables with larger cross-section