

# Ex e Series Polyamide Cable Glands

## Increased Safety for Hazardous Areas

For Non-Armored Cable.

### ATEX:

Zone 1 and 2 – 21 and 22

Ex II 2 GD

IP66 / 68

### Applications

- Ex e Certified
  - For non-armored cables certified for enclosures with the following protection modes:
    - Ex e Increased safety
    - Ex nR Restricted breathing
    - D Dust environment
  - Hazardous areas (gas and dust)
  - On-shore and off-shore
- Weatherproof IP68 or Ex i
  - For non-armored cables for intrinsic safety Ex i applications in hazardous areas (Gas and Dust).

### Features

- Ex e Certified
  - Black polyamide body
  - Weatherproof elastomer gasket
  - Supplied with sealing gasket
- Weatherproof IP68 or Ex i
  - Blue polyamide body Ral 5012
  - Supplied with polyamide clamping ring
  - Weatherproof elastomer gasket
  - Supplied with sealing gasket

### Materials

- Ex e Certified
  - Body: polyamide
  - Weatherproof gasket: thermoplastic elastomer
  - Entry thread seal: neoprene
- Weatherproof IP68 or Ex i
  - Body: polyamide
  - Weatherproof gasket: thermoplastic elastomer
  - Entry thread seal: neoprene

### ATEX Certifications and Compliances

- Certification Type EEx e
  - Gas, Zones 1 et 2
    - Type of Protection: Ex eb IIC
  - Dust, Zones 21 and 22
    - Type of Protection: Ex tb IIIC
- Conforming to ATEX 94/9/CE: Ex II 2 GD
- Ambient Temperature: -20 °C to +55 °C (-4 °F to +131 °F)
- CE Declaration of Conformity: 50233
- ATEX Certificate: LCIE 99 ATEX 6030X
- Index of Protection according EN/IEC 60529: IP66 (Ex e version), IP68 (Weatherproof)

### INMETRO Certification

- INMETRO Certificate: BR 230662-X

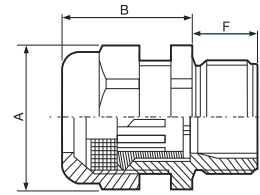


Ex e Certified



Weatherproof IP68

### Dimensions in Millimeters (Inches)



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| Metric Thread     | Thread Pitch (mm) | Cable Capacity mm (in) |             | Across Flats mm (in) A | Gland Length mm (in) B | Thread Length mm (in) F | Weight kg (lb) | Volume dm³ (in³) | Catalog Number ① | Pack |
|-------------------|-------------------|------------------------|-------------|------------------------|------------------------|-------------------------|----------------|------------------|------------------|------|
|                   |                   | Min.                   | Max.        |                        |                        |                         |                |                  |                  |      |
| Ex e Certified    |                   |                        |             |                        |                        |                         |                |                  |                  |      |
| M16               | 1.5               | 3.0 (0.12)             | 8.5 (0.33)  | 19.0 (0.75)            | 24.0 (0.94)            | 15.0 (0.59)             | 0.015 (0.03)   | 0.160 (9.76)     | 095756           | 10   |
| M20               | 1.5               | 6.5 (0.26)             | 14.5 (0.57) | 27.0 (1.06)            | 30.0 (1.18)            | 15.0 (0.59)             | 0.021 (0.05)   | 0.160 (9.76)     | 095605           | 10   |
| M25               | 1.5               | 8.0 (0.31)             | 18.5 (0.73) | 33.0 (1.30)            | 33.0 (1.30)            | 15.0 (0.59)             | 0.032 (0.07)   | 0.160 (9.76)     | 095606           | 10   |
| M32               | 1.5               | 10.0 (0.39)            | 25.0 (0.98) | 42.0 (1.65)            | 43.0 (1.69)            | 15.0 (0.59)             | 0.061 (0.13)   | 0.440 (26.85)    | 095757           | 10   |
| M40               | 1.5               | 24.0 (0.94)            | 34.0 (1.34) | 55.0 (2.17)            | 47.0 (1.85)            | 15.0 (0.59)             | 0.072 (0.16)   | 0.072 (4.39)     | 095758           | 1    |
| M50               | 1.5               | 28.0 (1.10)            | 42.0 (1.65) | 65.0 (2.56)            | 49.0 (1.93)            | 15.0 (0.59)             | 0.124 (0.27)   | 0.072 (4.39)     | 095759           | 1    |
| Weatherproof IP68 |                   |                        |             |                        |                        |                         |                |                  |                  |      |
| M16               | 1.5               | 2.5 (0.10)             | 8.0 (0.31)  | 19.0 (0.75)            | 27.0 (1.06)            | 15.0 (0.59)             | 0.013 (0.03)   | 0.160 (9.76)     | 095800           | 10   |
| M20               | 1.5               | 5.0 (0.20)             | 12.0 (0.47) | 24.0 (0.94)            | 30.0 (1.18)            | 15.0 (0.59)             | 0.017 (0.04)   | 0.160 (9.76)     | 095801           | 10   |
| M25               | 1.5               | 7.0 (0.28)             | 14.0 (0.55) | 27.0 (1.06)            | 35.0 (1.38)            | 15.0 (0.59)             | 0.020 (0.04)   | 0.160 (9.76)     | 095802           | 10   |
| M32               | 1.5               | 14.0 (0.55)            | 25.0 (0.98) | 42.0 (1.65)            | 42.0 (1.65)            | 15.0 (0.59)             | 0.051 (0.11)   | 0.440 (26.85)    | 095803           | 10   |
| M40               | 1.5               | 18.0 (0.71)            | 32.0 (1.26) | 53.0 (2.09)            | 52.0 (2.05)            | 15.0 (0.59)             | 0.072 (0.16)   | 0.072 (4.39)     | 095804           | 1    |
| M50               | 1.5               | 24.0 (0.94)            | 38.5 (1.52) | 60.0 (2.36)            | 55.0 (2.17)            | 15.0 (0.59)             | 0.100 (0.22)   | 0.072 (4.39)     | 095805           | 1    |

① For Locknut, see Cable Gland Accessories section.