

Peppers Cable Glands Limited

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Cable Gland Type PF - (Single Compression Nylon Gland)

Ex e : Ex tD A21 : IP68



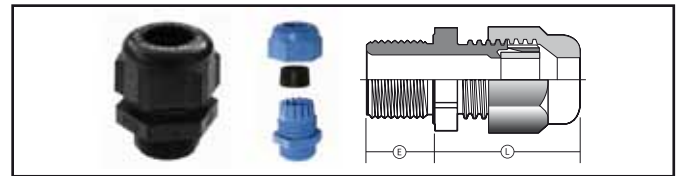
Peppers "PF" type glands, certified Increased Safety Ex e are suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and in Gas Group II. They are manufactured from polyamide and provide a controlled pull resistant displacement seal on the cable outer sheath providing both Ex e & IP protection. The gland has been tested to IP66 & IP68 to 50 metres and is fully compliant with the Ex e standard with no reduced impact restriction. Available in black or blue, in a range of thread forms complete with an IP flat washer on metric entry threads.

Compliance: EN 60079-0, EN 60079-7, EN 61241-0, EN 61241-1
Standard: IEC 60079-0, IEC 60079-7, IEC 61241-0, IEC 61241-1 & IEC 60529

Certification: ATEX II 2 GD Ex e II / Ex tD A21
 IECEx Ex e II / Ex tD A21
 GOST-R Ex e IIU
 UL ANSI/UL514B
 CSA CAN/CSA C22.2
 VDE DIN EN 50262 / VDE 0619
 LLOYD'S Enclosure Systems (Part 1B)

Certificate No.: ATEX LCIE 07ATEX6082X/02
 IECEx LCI 10.0008X
 GOST POCC FR M14.B00153
 UL E306665
 CSA E306665
 VDE 131210
 LLOYD'S 10/00056

Options: Colour - Black / Blue
 Industrial Non-Ex version - Omit "E" from part number



Operating Temperature: M16-M63 -35°C to +95°C
 M12 -20°C to +80°C

Materials: Polyamide

IP Rating: IP66 & IP68 (50 metres - 30 minutes)

Impact Resistance: 7Nm

Optional Accessories: Nylon Locknut / IP Washers

| CABLE GLAND SELECTION TABLE | | | | | | | | | | | | | |
|-----------------------------|-------------------|------------------------|---------------------|------|--------------------------------|-----------------|------------|----------------------------|-------------|------------|-------------------|----------------|------------|
| Gland Size | Entry Thread Size | Nominal Protrusion [L] | Cable Sealing Range | | ISO Thread Length Standard [E] | Part Number | | ISO Thread Length Long [E] | Part Number | | Dimensions/Weight | | |
| | | | | | | Standard Thread | | | Long Thread | | Across Flats | Across Corners | Weight Kgs |
| | | | Min | Max | | Blue | Black | | Blue | Black | | | |
| 12 | M12 x 1.5 | 23.0 | 4.0 | 6.5 | 8.0 | PF7421200E | PF8021200E | 15.0 | PF7431200E | PF8031200E | 15.0 | 16.5 | 0.003 |
| 16 | M16 x 1.5 | 28.0 | 5.0 | 8.0 | 10.0 | PF7421650E | PF8021650E | 15.0 | PF7431650E | PF8031650E | 19.0 | 22.0 | 0.009 |
| 16 | M16 x 1.5 | 28.0 | 5.0 | 10.0 | 10.0 | PF7421600E | PF8021600E | 15.0 | PF7431600E | PF8031600E | 22.0 | 24.5 | 0.009 |
| 20 | M20 x 1.5 | 28.0 | 7.0 | 12.0 | 10.0 | PF7422050E | PF8022050E | 15.0 | PF7432050E | PF8032050E | 24.0 | 28.0 | 0.010 |
| 20 | M20 x 1.5 | 28.0 | 10.0 | 14.0 | 10.0 | PF7422000E | PF8022000E | 15.0 | PF7432000E | PF8032000E | 27.0 | 30.3 | 0.010 |
| 25 | M25 x 1.5 | 36.0 | 10.0 | 14.0 | 10.0 | PF7422550E | PF8022550E | 15.0 | PF7432550E | PF8032550E | 33.0 | 37.0 | 0.021 |
| 25 | M25 x 1.5 | 36.0 | 12.0 | 18.0 | 10.0 | PF7422500E | PF8022500E | 15.0 | PF7432500E | PF8032500E | 33.0 | 37.0 | 0.021 |
| 32 | M32 x 1.5 | 42.0 | 16.0 | 25.0 | 10.0 | PF7423200E | PF8023200E | 15.0 | PF7433200E | PF8033200E | 42.0 | 47.0 | 0.038 |
| 40 | M40 x 1.5 | 52.5 | 22.0 | 32.0 | 10.0 | PF7424000E | PF8024000E | 16.0 | PF7434000E | PF8034000E | 53.0 | 59.8 | 0.078 |
| 50 | M50 x 1.5 | 54.5 | 28.0 | 38.5 | 12.0 | PF7425000E | PF8025000E | 16.0 | PF7435000E | PF8035000E | 60.0 | 67.6 | 0.088 |
| 63 | M63 x 1.5 | 55.5 | 40.0 | 48.0 | 12.0 | PF7426300E | PF8026300E | 16.0 | PF7436300E | PF8036300E | 70.0 | 78.3 | 0.128 |

All dimensions in mm

| CABLE GLAND SELECTION TABLE | | | | | | | | | | |
|-----------------------------|-------------------|-------------------------------|---------------------|------|---------------|-------------|------------|-------------------|----------------|------------|
| Gland Size | Entry Thread Size | Nominal Protrusion Length [L] | Cable Sealing Range | | Thread Length | Part Number | | Dimensions/Weight | | |
| | | | Min | Max | | Blue | Black | Across Flats | Across Corners | Weight Kgs |
| 16 | 3/8" NPT | 27.0 | 5.0 | 8.0 | 11 | PF7440800E | PF8040800E | 19.0 | 22.0 | 0.008 |
| 20 | 1/2" NPT | 27.0 | 7.0 | 12.0 | 14 | PF7441200E | PF8041200E | 24.0 | 26.8 | 0.010 |
| 25 | 3/4" NPT | 35.0 | 12.0 | 18.0 | 15 | PF7442000E | PF8042000E | 33.0 | 37.0 | 0.021 |
| 32 | 1" NPT | 41.0 | 16.0 | 25.0 | 18 | PF7442800E | PF8042800E | 42.0 | 47.0 | 0.038 |

All dimensions in mm

Notes:

- * The user should seek expert advice if intending to combine flammable and combustible dust in one environment/installation.
- * Assembly instructions must be read prior to installation and adhered to in full.
- * If used in a threaded entry, NPT versions may protrude more than "L" length due to engagement of tapered threads.
- * Industrial Non-Ex versions are not supplied with IP thread sealing washer.
- * Industrial Non-Ex versions are only available in Black.