



Schlemmer  
Industry & Building Parts

# INDUSTRIAL CABLE GLANDS



## CABLE GLANDS FOR HAZARDOUS AREA

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- Single sealing for non-armoured cable
- Double sealing for armoured cable
- Nylon SIB-TEC Ex e



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## Nylon Cable Gland **SIB TEC Ex e**



**IP PROTECTION :** IP 66, IP 68

**OPERATING TEMPERATURE :**

- M12 : -20°C to +80°C
- M16 to M63 & NPT : - 35°C to +95°C

**SPECIAL FEATURES :**

Flat seal on metric thread, version with reduced sealing

**MATERIAL :**

- Gland : PA66 / PA6 (UL 94-V2)
- Flat seal : Neoprene

**THREAD :**

Metric, NPT (other thread on request)

**TECHNICAL SPECIFICATIONS :**

- Equipment group : IIC/IIIC
- Category : 2 & 3
- Atmosphere : G & D
- Zones : 1, 2, 21, 22

**CODE OF PROTECTION :**

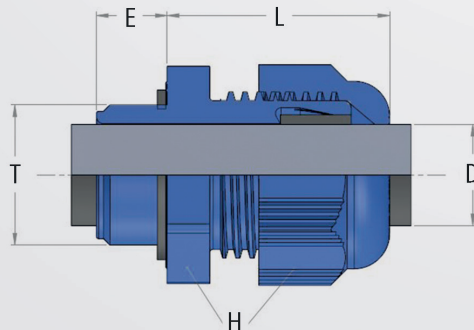
Ex II 2 GD Ex eb IIC Ex tb IIIC

**CERTIFICATIONS & COMPLIANCES :**

- EN / IEC 60079-0 + A11
- EN / IEC 60079-7
- EN / IEC 60079-31
- VDE (metric) : 40046804
- UL : E184471
- ATEX : LCIE 07 ATEX 6082 X
- IECE x : LCI 10.0008 X
- INMETRO : BVC11.0661-X
- TR CU EX : RU C-FR.ГБ05.В.00955

**ACCESSORIES AVAILABLE :**

Locknut



|                                     | Cable gland size | Metric (T) | Part Number |            | Overall cable diameter (D) |      | Across flats (H) | Thread length (E) | Net length (L) | Weight (Kg) |                                    | Cable gland size | Part Number |            | Net length (L) | Weight (Kg) |
|-------------------------------------|------------------|------------|-------------|------------|----------------------------|------|------------------|-------------------|----------------|-------------|------------------------------------|------------------|-------------|------------|----------------|-------------|
|                                     |                  |            | BLACK 9005  | BLUE 5012  | Min                        | Max  |                  |                   |                |             |                                    |                  | BLACK 9005  | BLUE 5012  |                |             |
| Short thread Metric standard        | 12               | M12        | F802 1200E  | F742 1200E | 4                          | 6,5  | 15               | 8                 | 24             | 0,003       | Long thread Metric standard        | L12              | F803 1200E  | F743 1200E | 15             | 0,004       |
|                                     | 16S              | M16        | F802 1650E  | F742 1650E | 5                          | 8    | 19               | 10                | 27             | 0,007       |                                    | L16S             | F803 1650E  | F743 1650E | 15             | 0,008       |
|                                     | 16L              | M16        | F802 1600E  | F742 1600E | 5                          | 10   | 22               | 10                | 29             | 0,008       |                                    | L16L             | F803 1600E  | F743 1600E | 15             | 0,008       |
|                                     | 20S              | M20        | F802 2050E  | F742 2050E | 7                          | 12   | 24               | 10                | 30             | 0,012       |                                    | L20S             | F803 2050E  | F743 2050E | 15             | 0,010       |
|                                     | 20L              | M20        | F802 2000E  | F742 2000E | 10                         | 14   | 27               | 10                | 33             | 0,013       |                                    | L20L             | F803 2000E  | F743 2000E | 15             | 0,012       |
|                                     | 25S              | M25        | F802 2550E  | F742 2550E | 10                         | 14   | 27               | 10                | 35             | 0,014       |                                    | L25S             | F803 2550E  | F743 2550E | 15             | 0,015       |
|                                     | 25L              | M25        | F802 2500E  | F742 2500E | 12                         | 18   | 33               | 10                | 39             | 0,021       |                                    | L25L             | F803 2500E  | F743 2500E | 15             | 0,022       |
|                                     | 32S              | M32        | F802 3200E  | F742 3200E | 16                         | 25   | 42               | 10                | 42             | 0,034       |                                    | L32S             | F803 3200E  | F743 3200E | 15             | 0,036       |
|                                     | 40               | M40        | F802 4000E  | F742 4000E | 22                         | 32   | 53               | 10                | 52             | 0,061       |                                    | L40              | F803 4000E  | F743 4000E | 16             | 0,063       |
|                                     | 50               | M50        | F802 5000E  | F742 5000E | 28                         | 38,5 | 60               | 12                | 55             | 0,080       |                                    | L50              | F803 5000E  | F743 5000E | 16             | 0,082       |
| Short thread Metric reduced sealing | 63               | M63        | F802 6300E  | F742 6300E | 40                         | 48   | 70               | 12                | 56             | 0,089       | Long thread Metric reduced sealing | L63              | F803 6300E  | F743 6300E | 16             | 0,093       |
|                                     | 12r              | M12        | F802 1240E  | F742 1240E | 3                          | 5    | 15               | 8                 | 24             | 0,004       |                                    | L12r             | F803 1240E  | F743 1240E | 15             | 0,004       |
|                                     | 16Sr             | M16        | F802 1660E  | F742 1660E | 4                          | 6    | 19               | 10                | 27             | 0,008       |                                    | L16Sr            | F803 1660E  | F743 1660E | 15             | 0,009       |
|                                     | 16Lr             | M16        | F802 1640E  | F742 1640E | 4                          | 7    | 22               | 10                | 29             | 0,009       |                                    | L16Lr            | F803 1640E  | F743 1640E | 15             | 0,009       |
|                                     | 20Sr             | M20        | F802 2060E  | F742 2060E | 5                          | 9    | 24               | 10                | 30             | 0,013       |                                    | L20Sr            | F803 2060E  | F743 2060E | 15             | 0,011       |
|                                     | 20Lr             | M20        | F802 2040E  | F742 2040E | 8                          | 12   | 27               | 10                | 33             | 0,014       |                                    | L20Lr            | F803 2040E  | F743 2040E | 15             | 0,013       |
|                                     | 25Sr             | M25        | F802 2560E  | F742 2560E | 8                          | 12   | 27               | 10                | 35             | 0,016       |                                    | L25Sr            | F803 2560E  | F743 2560E | 15             | 0,017       |
|                                     | 25Lr             | M25        | F802 2540E  | F742 2540E | 10                         | 16   | 33               | 10                | 39             | 0,023       |                                    | L25Lr            | F803 2540E  | F743 2540E | 15             | 0,024       |
|                                     | 32Sr             | M32        | F802 3240E  | F742 3240E | 14                         | 21   | 42               | 10                | 42             | 0,036       |                                    | L32Sr            | F803 3240E  | F743 3240E | 15             | 0,038       |
|                                     | 40r              | M40        | F802 4040E  | F742 4040E | 16                         | 26   | 53               | 10                | 52             | 0,064       |                                    | L40r             | F803 4040E  | F743 4040E | 16             | 0,066       |
| NPT standard                        | 50r              | M50        | F802 5040E  | F742 5040E | 20                         | 31   | 60               | 12                | 55             | 0,082       | NPT reduced sealing                | L50r             | F803 5040E  | F743 5040E | 16             | 0,085       |
|                                     | 63r              | M63        | F802 6340E  | F742 6340E | 30                         | 39   | 70               | 12                | 56             | 0,093       |                                    | L63r             | F803 6340E  | F743 6340E | 16             | 0,097       |
|                                     | 3/8              | 3/8"       | F804 0800E  | F744 0800E | 5                          | 8    | 19               | 11                | 27             | 0,007       |                                    |                  |             |            |                |             |
|                                     | 1/2              | 1/2"       | F804 1200E  | F744 1200E | 7                          | 12   | 24               | 14                | 30             | 0,011       |                                    |                  |             |            |                |             |
| NPT reduced sealing                 | 3/4              | 3/4"       | F804 2000E  | F744 2000E | 12                         | 18   | 33               | 15                | 39             | 0,024       |                                    |                  |             |            |                |             |
|                                     | 1                | 1"         | F804 2800E  | F744 2800E | 16                         | 25   | 42               | 18                | 42             | 0,041       |                                    |                  |             |            |                |             |
|                                     | 3/8r             | 3/8"red    | F804 0840E  | F744 0840E | 4                          | 6    | 19               | 11                | 27             | 0,008       |                                    |                  |             |            |                |             |
|                                     | 1/2r             | 1/2"red    | F804 1240E  | F744 1240E | 5                          | 9    | 24               | 14                | 30             | 0,012       |                                    |                  |             |            |                |             |
|                                     | 3/4r             | 3/4"red    | F804 2040E  | F744 2040E | 10                         | 16   | 33               | 15                | 39             | 0,026       |                                    |                  |             |            |                |             |
|                                     | 1r               | 1"red      | F804 2840E  | F744 2840E | 14                         | 21   | 42               | 18                | 42             | 0,043       |                                    |                  |             |            |                |             |

Dimension in millimeters