

**VG M25 EXE 14-18 SI7J G4**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Product image**

Polyamide cable glands, which are suitable for usage in explosion risk zones Ex e (increased safety) and Ex i (intrinsic safety).

Weidmüller offers a product family without restrictions and besides compliance with standards, the cable gland excels thanks to its increased impact resistance of 4/7 Joule and a possible temperature range down to -60°C without restrictions. They have been tested to the current standard and EN 60079-0 directive, they are ATEX and IECEx certified.

**General ordering data**

|            |   |
|------------|---|
| Version    | VG Exe 7J (Ex plastic cable gland 7J Exe), Cable glands, straight, M 25, 10 mm, OD min. 14 - OD max. 18 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6 |
| Order No.  | <a href="#">2722140000</a>  |
| Type       | VG M25 EXE 14-18 SI7J G4  |
| GTIN (EAN) | 4050118821376   |
| Qty.       | 25 items  |

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## Technical data

### Approvals

|           |   |
|-----------|---|
| Approvals | CE  |
| Approvals | CE; EAC; ATEX; IECEX; INMETRO   |
| Approvals |  |

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

### Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Height     | 41.6 mm | Height (inches) | 1.6378 inch |
| Length     | 35 mm   | Length (inches) | 1.378 inch  |
| Net weight | 24 g    |                 |             |

### Temperatures

|                       |                |
|-----------------------|----------------|
| Operating temperature | -60 °C...70 °C |
|-----------------------|----------------|

### Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

### Certificate numbers cable gland

|                     |  |                                       |                  |
|---------------------|--|---------------------------------------|------------------|
| Identification      | Ex eb IIC Gb, Ex tb IIIC Db<br>IP66/68 | Certificate no. cable gland (INMETRO) | DNV 18.0150 X/01 |
| Approval conditions | ATEX, IECEX                            |                                       |                  |

### General information

|                                     |  |                                     |  |
|-------------------------------------|--|-------------------------------------|--|
| Outer cable diameter, max.          | 18 mm                                    | Outer cable diameter, min.          | 14 mm  |
| Protection degree with GWDR         | IP54, IP66, IP67, IP68 - 5 bar (30 min.) | Tightening torque                   | 5.5 Nm   |
| UL 94 flammability rating           | HB                                       | Operating temperature range, max.   | 70 °C  |
| Operating temperature range, min.   | -60 °C                                   | Pitch of thread                     | 1.5 mm   |
| Halogen                             | No                                       | Standards                           | IEC 60079-0, EN 60079-0,<br>IEC 60079-7, EN 60079-7,<br>EN 60079-31, IEC<br>60079-31 |
| Impact resistance                   | 7 joules in acc. with IEC<br>60079-0     | AF size 1                           | 33 mm  |
| AF size 2                           | 33 mm                                    | Protection degree                   | IP54, IP66, IP67, IP68 - 5 bar (30 min.)   |
| Cable gland                         | metric                                   | Basic material                      | Polyamide 6  |
| Seal insert                         | Silicone                                 | Sealing                             | Silicone   |
| External thread                     | M 25                                     | Length of thread                    | 10 mm  |
| Torque for cap nut, max.            | 8.00 Nm                                  | Torque for connecting adapter, max. | 8.00 Nm  |
| Torque for connecting adapter, min. | 7.00 Nm                                  | Torque for cap nut, min.            | 7.00 Nm  |
| Explosion protection type           | Improved safety Ex e                     | Installation guidelines             | See assembly instructions  |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000441    | ETIM 9.0    | EC000441    |
| ETIM 10.0   | EC000441    | ECLASS 14.0 | 27-14-08-02 |
| ECLASS 15.0 | 27-14-08-02 |             |             |

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## Accessories

### Plastic lock nuts, black



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

### General ordering data

|            |                            |   |  |
|------------|----------------------------|---|--|
| Type       | SKMU M25 K SW              | Version   |  |
| Order No.  | <a href="#">1736940000</a> | SKMU PA (plastic locknut), Locknut, M 25, 6 mm, Polyamid 6 (PA6 - |  |
| GTIN (EAN) | 4008190956417              | GF30)   |  |
| Qty.       | 25 ST                      |   |  |