

**VP M16 EX SI 7J****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Similar to illustration**

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**

|            |   |
|------------|---|
| Version    | VPK EX 7J (Ex blanking plug, plastic, 7J), Blanking plug, in closed state, M 16, 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6 |
| Order No.  | <a href="#">2066720000</a>  |
| Type       | VP M16 EX SI 7J   |
| GTIN (EAN) | 4050118415438   |
| Qty.       | 100 items   |

## VP M16 EX SI 7J

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

|                      |         |                      |             |
|----------------------|---------|----------------------|-------------|
| Height               | 16.3 mm | Height (inches)      | 0.6417 inch |
| Length               | 16.3 mm | Length (inches)      | 0.6417 inch |
| Diameter             | 16 mm   | Wall thickness, min. | 0.5 mm      |
| Wall thickness, max. | 11 mm   | Net weight           | 2.3 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%

### Technical properties

Protection degree IP54, IP66, IP67, IP68 - 5 bar (30 min.)

### Certificate numbers cable gland

|                                       |  |                                     |                    |
|---------------------------------------|--|-------------------------------------|--------------------|
| Identification                        | Ex eb IIC Gb, Ex tb IIIC Db<br>IP66/68 | Certificate no. cable gland (ATEX)  | IMQ 13 ATEX 010 X  |
| Certificate no. cable gland (INMETRO) | TAE00003WV                             | Certificate no. cable gland (IECEX) | IECEX IMQ 13.0003X |
| Approval conditions                   | ATEX, IECEX                            |                                     |                    |

### General information

|                                     |  |                                     |  |
|-------------------------------------|--|-------------------------------------|--|
| O-Ring                              | Silicone   | Protection degree with GWDR         | IP54, IP66, IP67, IP68 - 5 bar (30 min.) |
| Silicone                            | Yes  | 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<br>IEC60079-0      |
| AF size 1                           | 19 mm  | Protection degree                   | IP54, IP66, IP67, IP68 - 5 bar (30 min.) |
| Basic material                      | Polyamide 6  | Diameter of sealing ring            | 16.00 mm                                 |
| Sealing                             | Silicone   | External thread                     | M 16                                     |
| Length of thread                    | 12 mm  | Torque for lock nut, min.           | 1.30 Nm                                  |
| Torque for connecting adapter, max. | 1.50 Nm  | Torque for connecting adapter, min. | 1.50 Nm                                  |
| Explosion protection type           | Improved safety Ex e   | Installation guidelines             | See assembly instructions                |
| Torque for lock nut, max.           | 1.50 Nm  |                                     |  |

## Technical data

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|        |            |                   |  |
|--------|------------|-------------------|--|
| Colour | Deep black | Protection degree | IP54, IP66, IP67, IP68 - 5 bar (30 min.) |
|--------|------------|-------------------|--|

### Technical data

|                   |  |
|-------------------|--|
| Protection degree | IP54, IP66, IP67, IP68 - 5 bar (30 min.) |
|-------------------|--|

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000451    | ETIM 9.0    | EC000451    |
| ETIM 10.0   | EC000451    | ECLASS 14.0 | 27-14-08-05 |
| ECLASS 15.0 | 27-14-08-05 |             |             |

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## Accessories

### Brass lock nuts, nickel-plated



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### General ordering data

|            |                            |  |  |
|------------|----------------------------|--|--|
| Type       | SKMU M16 MS                | Version  |  |
| Order No.  | <a href="#">1736990000</a> | SKMU MS (brass locknut), Locknut, M 16, 2.8 mm, Brass, nickel- |  |
| GTIN (EAN) | 4008190956462              | plated   |  |
| Qty.       | 100 ST                     |  |  |