

**VG M16 EXE MS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Similar to illustration**

Brass cable glands which are suitable for usage in explosion risk zone Ex e (Increased safety). They have been tested to the latest norms and standards IEC/EN 60079-0, and also achieved the necessary ATEX certificate.

**General ordering data**

|            |   |
|------------|---|
| Version    | VG Ex MS (Ex brass cable gland), Cable glands, straight, M 16, 16 mm, OD min. 3 - OD max. 12 mm, IP66, IP68, Brass, nickel-plated |
| Order No.  | <a href="#">1460040000</a>  |
| Type       | VG M16 EXE MS   |
| GTIN (EAN) | 4050118265989   |
| Qty.       | 50 pc(s).   |

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Height     | 46 mm  | Height (inches) | 1.811 inch |
| Length     | 46 mm  | Length (inches) | 1.811 inch |
| Net weight | 50.6 g |                 |            |

## Temperatures

|                       |                 |
|-----------------------|-----------------|
| Operating temperature | -40 °C...100 °C |
|-----------------------|-----------------|

## Certificate numbers cable gland

|                                    |   |                                    |                   |
|------------------------------------|---|------------------------------------|-------------------|
| Certificate no. cable gland (ATEX) | IMQ 11 ATEX 038 X                               | Certificate no. cable gland (GOST) | POCC TR.05.B04161 |
| Identification                     | Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC Db IP66/68 |                                    |                   |

## General information

|                                   |                              |                                   |  |
|-----------------------------------|------------------------------|-----------------------------------|--|
| AF size 1                         | 22 mm                        | AF size 2                         | 22 mm  |
| Cable glands                      | metric                       | Clamp insert                      | Neoprene   |
| External thread                   | M 16                         | Halogen                           | Yes  |
| Installation guidelines           | See assembly instructions    | Length of thread                  | 16 mm  |
| Material                          | Brass, nickel-plated         | Note: protection class            | Please observe the information in the installation instructions. |
| O-Ring                            | NBR                          | Operating temperature range, max. | 100 °C   |
| Operating temperature range, min. | -40 °C                       | Outer cable diameter, max.        | 12 mm  |
| Outer cable diameter, min.        | 3 mm                         | Pitch of thread                   | 1.5 mm   |
| Protection degree                 | IP66, IP68 - 6 bar (30 min.) | Protection degree with GWDR       | IP66, IP68   |
| Seal insert                       | CR                           | Standards                         | EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-11, EN 60079-31     |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000441    | ETIM 7.0    | EC000441    |
| ETIM 8.0    | EC000441    | ETIM 9.0    | EC000441    |
| ECLASS 9.0  | 27-14-44-32 | ECLASS 9.1  | 27-14-44-34 |
| ECLASS 10.0 | 27-14-44-32 | ECLASS 11.0 | 27-14-44-32 |
| ECLASS 12.0 | 27-14-08-04 | ECLASS 13.0 | 27-14-08-04 |
| ECLASS 14.0 | 27-14-08-04 |             |             |

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | b5ff1f66-ddba-4739-9fc0-0521ddb52139 |
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |

## Important note

|                     |   |
|---------------------|---|
| Product information | For enclosure wall thicknesses less than or equal to 3 mm (e.g. Klippon STB enclosures), an additional flat gasket must be used - GWDR NP.<br>Additional flat gaskets are included in the packaging unit. |
|---------------------|---|

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### Approvals

|           |           |
|-----------|-----------|
| Approvals | EAC; ATEX |
|-----------|-----------|

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

### Downloads

|                  |                                 |
|------------------|---------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a> |
|------------------|---------------------------------|

|            |  |
|------------|--|
| Catalogues | <a href="#">Catalogues in PDF-format</a> |
|------------|--|

|           |  |
|-----------|--|
| Brochures |  |
|-----------|--|

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Brass lock nuts, nickel-plated**

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 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 pc(s).                 |  |