

**KSPMH M32 SSC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration****IECEx**

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    | KSPMH (Klippon blanking plug, type MH), Blanking plug, straight, M 32, 16 mm, Stainless steel 1.4404 (316L) |
| Order No.  | <a href="#">1477890000</a>                                                                                  |
| Type       | KSPMH M32 SSC                                                                                               |
| GTIN (EAN) | 4050118285901                                                                                               |
| Qty.       | 10 pc(s).                                                                                                   |

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|                      |         |                      |            |
|----------------------|---------|----------------------|------------|
| Height               | 21.5 mm | Height (inches)      | 0.846 inch |
| Length               | 21 mm   | Length (inches)      | 0.827 inch |
| Diameter             | 32 mm   | Wall thickness, min. | 0.5 mm     |
| Wall thickness, max. | 15 mm   | Net weight           | 142.9 g    |

**Temperatures**

|                       |                 |
|-----------------------|-----------------|
| Operating temperature | -60 °C...200 °C |
|-----------------------|-----------------|

**Certificate numbers cable gland**

|                                     |                                               |                                    |                                            |
|-------------------------------------|-----------------------------------------------|------------------------------------|--------------------------------------------|
| Approval conditions                 | ATEX, IECEX                                   | Certificate no. cable gland (ATEX) | SIRA 09ATEX1320X or<br>CML 19ATEX1089X     |
| Certificate no. cable gland (IECEX) | IECEX SIR 09.0131X or IE-<br>CEX CML 19.0022X | Identification                     | Ex d IIC Gb, Ex e IIC Gb, Ex<br>tb IIIC Db |

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## Technical data

## General information

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                   |                               |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------|
| Diameter of sealing ring          | 32 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | External thread                   | M 32                          |
| Halogen                           | halogen-free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Impact resistance                 | 7 J ATEX version              |
| Length of thread                  | 16 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Material                          | Stainless steel 1.4404 (316L) |
| Note: protection class            | <ul style="list-style-type: none"> <li>• All metric sealing plugs have a thread pitch of 1.5 mm.</li> <li>• In Ex nR applications, the KSPMH must be fitted with a further seal.</li> <li>• To obtain the specified IP rating, the through hole must comply with the regulations of EN 50262 Table 1 and it should be possible to secure the sealing plug in a suitable manner.</li> <li>• Operating instructions are enclosed with each sealing plug; these must be read prior to installation. The sealing plugs must be installed according to the specifications in the operating instructions.</li> <li>• On installation of the KSPMH, the minimum number of engaged thread turns in line with the standard EN/IEC 60079-1, Section 5.3, must be observed.</li> <li>• With NEC / CEC applications, it must be ensured that the inner thread of the connection device into which the sealing plugs are screwed reveals at least 8 fully engaged thread turns.</li> <li>• If KSPMH sealing plugs are inserted into non-metallic Ex e connection devices, they must be connected to the system's earth circuit.</li> </ul> |                                   |                               |
| O.D.                              | 37.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | O-Ring                            | Silicone                      |
| Operating temperature range, min. | -60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Operating temperature range, max. | 200 °C                        |
| Protection degree                 | IP66, IP68 (100 m / 168 h)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Protection class (UL)             | Type 4X                       |
| Standards                         | EN 60079-31, EN 60079-0, EN 60079-1, EN 60079-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Silicone                          | Yes                           |
| Water depth                       | 100 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tightening torque                 | 10 Nm                         |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000451    | ETIM 7.0    | EC000451    |
| ETIM 8.0    | EC000451    | ETIM 9.0    | EC000451    |
| ETIM 10.0   | EC000451    | ECLASS 9.0  | 27-14-44-25 |
| ECLASS 9.1  | 27-14-44-35 | ECLASS 10.0 | 27-14-44-25 |
| ECLASS 11.0 | 27-14-44-25 | ECLASS 12.0 | 27-14-08-05 |
| ECLASS 13.0 | 27-14-08-05 | ECLASS 14.0 | 27-14-08-05 |
| ECLASS 15.0 | 27-14-08-05 |             |             |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Environmental Product Compliance**

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
|------------------------|-----------------------------|

|            |                       |
|------------|-----------------------|
| REACH SVHC | No SVHC above 0.1 wt% |
|------------|-----------------------|

**Approvals**

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

**Downloads**

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

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

|           |  |
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| Brochures |  |
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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Nylon flat gasket - KSWN**

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       | KSWN M32                   | Version                                                 |
| Order No.  | <a href="#">1076650000</a> | KSWN (flat gasket - nylon), Sealing ring, M 32, Nylon 6 |
| GTIN (EAN) | 4032248838691              |                                                         |
| Qty.       | 25 pc(s).                  |                                                         |

**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 M32 MS                | Version                                                            |
| Order No.  | <a href="#">1737020000</a> | SKMU MS (brass locknut), Locknut, M 32, 4 mm, Brass, nickel-plated |
| GTIN (EAN) | 4008190956493              |                                                                    |
| Qty.       | 100 pc(s).                 |                                                                    |