

**KSG M40 BS O NI 2 G40****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

The KSG is only intended for use when connecting non-armoured cables and lines. When the cable gland is ordered together with a neoprene seal, the seal allows temperatures from -35°C to +90°C. When using a silicone seal, a temperature range of -60°C to +180°C is possible. The O-ring and the cable gland included in the delivery are made from the same material. IP66 or IP68 protection at a depth of 25 metres under water (a pressure of 2.5 bar) is guaranteed when using this sealing material. The KSG is permitted for use with pressure-resistant Ex d encapsulations and increased safety Ex e.

**General ordering data**

|            |                                                                                                                                            |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | KSG (Klippon standard Ex cable gland), Cable glands, M 40, 16 mm, OD min. 23 - OD max. 32.2 mm, IP66, IP68 - 2.5 bar, Brass, nickel-plated |
| Order No.  | <a href="#">0930531222</a>                                                                                                                 |
| Type       | KSG M40 BS O NI 2 G40                                                                                                                      |
| GTIN (EAN) | 4032248918157                                                                                                                              |
| Qty.       | 10 pc(s).                                                                                                                                  |

Creation date March 22, 2021 11:55:20 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Length     | 37 mm   | Length (inches) | 1.457 inch |
| Net weight | 405.9 g |                 |            |

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## Certificate numbers cable gland

|                         |                                                                                                                                         |                                   |                            |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------|
| Approval conditions     | ATEX, IECEX, EAC                                                                                                                        | Certificate No. (ATEX)            | SIRA05ATEX1287X            |
| Certificate No. (IECEX) | IECEXSIR05.0067X                                                                                                                        | Certificate no. cable gland (EAC) | RU C-DE.HA65.B.00568<br>20 |
| Identification          | ATEX: II 2GD, Ex db IIC Gb, Ex ta IIIC Da and/or II 2 GD, Ex eb IIC Gb, Ex ta IIIC Da, IECEX: Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da |                                   |                            |

## General information

|                                   |                                                             |                                   |                             |
|-----------------------------------|-------------------------------------------------------------|-----------------------------------|-----------------------------|
| AF size 1                         | 55 mm                                                       | Cable glands                      | metric, nickel-plated brass |
| Explosion protection type         | Pressure-resistant Ex d encapsulation, Improved safety Ex e | External thread                   | M 40                        |
| Installation guidelines           | See assembly instructions                                   | Length of thread                  | 16 mm                       |
| Material                          | Brass, nickel-plated                                        | O-Ring                            | Silicone                    |
| Operating temperature range, max. | 180 °C                                                      | Operating temperature range, min. | -60 °C                      |
| Outer cable diameter, max.        | 32.2 mm                                                     | Outer cable diameter, min.        | 23 mm                       |
| Pitch of thread                   | 1.5 mm                                                      | Protection degree                 | IP66, IP68 - 2.5 bar        |
| Protection degree with GWDR       | IP66, IP68 - 2.5 bar                                        | Seal insert                       | Silicone                    |
| Sealing                           | Silicone                                                    | Size of protective cap            | L55                         |
| Water depth                       | 25 m (30 Min.)                                              |                                   |                             |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000441    | ETIM 7.0    | 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 |

## Approvals

Approvals



|           |                  |
|-----------|------------------|
| Approvals | EAC; ATEX; IECEX |
| ROHS      | Conform          |

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## Technical data

### Downloads

|                                             |                                                                                                                                                                               |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">IECEXSIR05.0067X</a><br><a href="#">SIRA05ATEX1287X</a><br><a href="#">EU Declaration of Conformity - Klippon KSG cable Gland - DoC DE PS2680 160315 004ISS01</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                                                                          |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                                                                                                                                                  |
| User Documentation                          | <a href="#">Assembly guidelines</a>                                                                                                                                           |