

**KUB M75 BS O SC 1 G75**
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Similar to illustration**


The KUB features a special ring in the shape of a truncated cone. The ring enables connections between single-wire-armoured and metal-foil-armoured cables and braided-armoured lines. This ensures a conductive connection between the cable and the cable gland. It is also possible to connect non-armoured cables and lines. The KUB also features a seal for sealing the outer cable insulation. The area of the connecting cable that is exposed after stripping the inner insulation is then encapsulated with the encapsulation compound (included in delivery). Thus all of the gaps and spaces between the individual wire strands are 100% sealed. The cable gland is certified for use in temperatures ranging from -60°C to +135°C. The O-ring and the encapsulation compound are both included in the delivery. When encapsulated, the cable gland guarantees IP66 or IP68 protection at a depth of 100 metres under water (a pressure of 10 bar for 7 days). The KUB is only approved for use with pressure-resistant Ex d encapsulation. This type of cable gland must be used in the following cases: 1.) If the surroundings of an IIC device require it or when the enclosure contains components that could trigger an internal explosion (such as a flying spark) 2.) When the surroundings of no group-IIC devices require it, the enclosure contains components that could trigger an internal explosion, it is a Zone-1 installation, and the enclosure volume is greater than 2 dm<sup>3</sup>.

**General ordering data**

|            |                                                                                                                                                                                                                                  |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | KUB (Klippon universal die-cast Ex cable gland), Cable glands, M 75, 19 mm, Single-wire armouring, Metal foil armouring, Braided armouring, 0.1 - 2.5 mm, OD min. 66.5 - OD max. 73.4 mm, ID max. 68.00 mm, IP68 - 10 bar, Brass |
| Order No.  | <a href="#">1095560000</a>                                                                                                                                                                                                       |
| Type       | KUB M75 BS O SC 1 G75                                                                                                                                                                                                            |
| GTIN (EAN) | 4032248868339                                                                                                                                                                                                                    |
| Qty.       | 1 pc(s).                                                                                                                                                                                                                         |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Length     | 122 mm  | Length (inches) | 4.803 inch |
| Net weight | 2,240 g |                 |            |

## Environmental Product Compliance

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

## Certificate numbers cable gland

|                         |                                                                                                                                                                                                 |                                   |                            |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------------|
| Approval conditions     | ATEX, IECEX, EAC                                                                                                                                                                                | Certificate No. (ATEX)            | SIRA05ATEX1288X            |
| Certificate No. (IECEX) | IECEXSIR05.0067X                                                                                                                                                                                | Certificate no. cable gland (EAC) | RU C-DE.HA65.B.00568<br>20 |
| Identification          | ATEX: II 2 GD, Ex d IIC Gb,<br>Ex e IIC Gb, Ex tb IIIC (Ta =<br>-60°C to + 135°C) or II 1D,<br>Ex ta IIIC Da (Ta = -60°C to<br>+ 135°C), IECEX: Ex db IIC<br>Gb, Ex eb IIC Gb, Ex ta IIIC<br>Da |                                   |                            |

## General information

|                                   |                                                                                                                                                                                                |                                   |                                          |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| AF size 1                         | 90 mm                                                                                                                                                                                          | Armour, max.                      | 2.5 mm                                   |
| Armour, min.                      | 0.1 mm                                                                                                                                                                                         | Cable glands                      | metric, brass                            |
| Encapsulation compound            | Processing temperature<br>at 21°C, the sealing<br>compound is hardened<br>after one hour, After 4<br>hours, the cable gland<br>can be installed and initial<br>commissioning can take<br>place | Explosion protection type         | Pressure-resistant Ex d<br>encapsulation |
| External thread                   | M 75                                                                                                                                                                                           | Inner cable diameter, max.        | 68 mm                                    |
| Installation guidelines           | See assembly instructions                                                                                                                                                                      | Length of thread                  | 19 mm                                    |
| Material                          | Brass                                                                                                                                                                                          | Max. diameter of bundled wires    | 60.8                                     |
| Number of wires                   | 425                                                                                                                                                                                            | O-Ring                            | Silicone                                 |
| Operating temperature range, max. | 135 °C                                                                                                                                                                                         | Operating temperature range, min. | -60 °C                                   |
| Outer cable diameter, max.        | 73.4 mm                                                                                                                                                                                        | Outer cable diameter, min.        | 66.5 mm                                  |
| Pitch of thread                   | 1.5 mm                                                                                                                                                                                         | Protection degree                 | IP68 - 10 bar                            |
| Protection degree with GWDR       | IP68 - 10 bar                                                                                                                                                                                  | Seal insert                       | CR                                       |
| Sealing                           | Silicone                                                                                                                                                                                       | Size of protective cap            | EL90                                     |
| Type of armouring                 | Single-wire armouring,<br>Metal foil armouring,<br>Braided armouring                                                                                                                           | Type of armouring, short term     | SWA, STA, SWB                            |
| Water depth                       | 100 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 |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Approvals**

Approvals



Approvals EAC; ATEX; IECEX

ROHS Conform

**Downloads**

|                                             |                                                                                                                                                                                                                          |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">IECEXSIR05.0067X</a><br><a href="#">SIRA05ATEX1288X</a><br><a href="#">RU C-DE.HA65.B.00568 20</a><br><a href="#">EU Declaration of Conformity - Klippon KUB cable Gland - DoC DE PS2680 160315 005ISS01</a> |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                                                                                                                                                                                             |
| User Documentation                          | <a href="#">Notice to Installers</a><br><a href="#">Assembly guidelines</a>                                                                                                                                              |