

**KSG (Klippon standard Ex cable gland)
KSG M20 BS O SC 2 G16**

Weidmüller Interface GmbH & Co. KG
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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 -20°C to +85°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

| | |
|------------|---|
| Type | KSG M20 BS O SC 2 G16 |
| Order No. | 0930481212 |
| Version | KSG (Klippon standard Ex cable gland), Cable glands, M 20, 16 mm, OD min. 4 - OD max. 8.4 mm, IP66, IP68 - 2.5 bar, Brass |
| GTIN (EAN) | 4032248918058 |
| Qty. | 20 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Length | 33 mm | Length (inches) | 1.299 inch |
| Net weight | 111.9 g | | |

Environmental Product Compliance

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

General information

| | | | |
|-----------------------------------|---------------------------|-----------------------------------|---|
| Material | Brass | Cable glands | metric, brass |
| External thread | M 20 | Pitch of thread | 1.5 mm |
| Length of thread | 16 mm | AF size 1 | 25 mm |
| Protection degree | IP66, IP68 - 2.5 bar | Protection degree with GWDR | IP66, IP68 - 2.5 bar |
| Water depth | 25 m (30 Min.) | Operating temperature range, min. | -60 °C |
| Operating temperature range, max. | 180 °C | Outer cable diameter, min. | 4 mm |
| Outer cable diameter, max. | 8.4 mm | Size of protective cap | L24 |
| O-Ring | Silicone | Seal insert | Silicone |
| Sealing | | Explosion protection type | Pressure-resistant Ex d encapsulation, Improved safety Ex e |
| Installation guidelines | See assembly instructions | | |

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 | | |

Approvals

Approvals



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

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EU Declaration of Conformity - Klippon KSG cable Gland - DoC DE PS2680 160315 004ISS01 |
| Brochure/Catalogue | MB OVERV. PROCESS WD DE MB PROCESS EN CAT 5 ENCL 17/18 EN PI KLIPPON CABLE GL EN |
| Engineering Data | EPLAN.WSCAD |
| Engineering Data | STEP |
| User Documentation | Assembly guidelines |

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Accessories

Klippon® KSWF vulcanised fibre



The KSWF is a flat seal made from fibre material suitable for optional large-surface sealing of cable glands on enclosures or electrical cabinets.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | KSWF M20 | Version |
| Order No. | 0899750000 | KSWF (flat gasket - vulcanised fibre), Sealing ring, M 20, Vulcanized |
| GTIN (EAN) | 4032248850174 | fibre |
| Qty. | 25 pc(s). | |

Earthing rings, natural



The range of cable glands is rounded off by a large number of accessories.

Earthing rings are best used when a cable shielding is being tightened onto the cable gland, and when it has the same potential as another cable gland on the housing.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | EA-RING MS/M20 SC | Version |
| Order No. | 0930710002 | EA (earthing rings), Earthing ring, M 20 |
| GTIN (EAN) | 4032248849819 | |
| Qty. | 20 pc(s). | |

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Accessories
Brass nuts, standard, natural


Weidmüller has a variety of different cable and wire entry systems in the Portfolio: with different designs of plastic, brass and stainless steel cable glands in the IP66, 67, 68 or IP69k protection classes. As a complete alternative to cable glands, pre-assembled cables with modular multi-wire or multi-cable entry systems can be simply and quickly inserted into electrical equipment. Last but not least, Weidmüller offers EX-certified cable glands and cable/wire entry systems.

- Cable glands made from plastic and brass
- EMC screwed joints
- for areas at risk of explosion
- VDE, CSA and UL approvals

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SKMU M20 MS SC | Version |
| Order No. | 0930640002 | SKMU MS (brass locknut), Locknut, M 20, 4 mm, Brass |
| GTIN (EAN) | 4032248849826 | |
| Qty. | 50 pc(s). | |

Klippon® KSWN Nylon


The KSWN is a flat seal made from nylon suitable for optional large-surface sealing of cable glands on enclosures or electrical cabinets.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | KSWN M20 | Version |
| Order No. | 0930730002 | KSWN (flat gasket - nylon), Sealing ring, M 20, Nylon 6 |
| GTIN (EAN) | 4032248849802 | |
| Qty. | 25 pc(s). | |

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Accessories**Safety serrated washer**

The range of cable glands is rounded off by a large number of accessories.

The serrated stainless steel washers are used to prevent loosening of the assembled cable glands.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | SZS M20 | Version |
| Order No. | 1736310000 | SZS (serrated washer), Retaining toothed washers, M 20, Stainless |
| GTIN (EAN) | 4008190963514 | steel 1.4404 (316L) |
| Qty. | 10 pc(s). | |