

**KSG (Klippon standard Ex cable gland)  
KSG M20 BS O NI 2 G20**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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www.weidmueller.com



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 NI 2 G20
Order No.	<a href="#">0930501222</a>
Version	KSG (Klippon standard Ex cable gland), Cable glands, M 20, 16 mm, OD min. 9.6 - OD max. 14 mm, IP66, IP68 - 2.5 bar, Brass, nickel-plated
GTIN (EAN)	4032248918096
Qty.	20 pc(s).

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**Technical data**
**Dimensions and weights**

Length	33 mm	Length (inches)	1.299 inch
Net weight	140.05 g		

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**General information**

Material	Brass, nickel-plated	Cable glands	metric, nickel-plated 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.	9.6 mm
Outer cable diameter, max.	14 mm	Size of protective cap	L30
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	<a href="#">EU Declaration of Conformity - Klippon KSG cable Gland - DoC DE PS2680 160315 004ISS01</a>
Brochure/Catalogue	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB PROCESS EN</a> <a href="#">CAT 5 ENCL 17/18 EN</a> <a href="#">PI KLIPPON CABLE GL EN</a>
Engineering Data	<a href="#">EPLAN. WSCAD</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Assembly guidelines</a>

**Data sheet**

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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.	<a href="#">0899750000</a>	KSWF (flat gasket - vulcanised fibre), Sealing ring, M 20, Vulcanized
GTIN (EAN)	4032248850174	fibre
Qty.	25 pc(s).	

**Brass nuts, standard, nickel-plated**



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	Version
Order No.	<a href="#">1737000000</a>	SKMU MS (brass locknut), Locknut, M 20, 3 mm, Brass, nickel-plated
GTIN (EAN)	4008190956479	
Qty.	100 pc(s).	

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# Accessories

## 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.	<a href="#">0930730002</a>	KSWN (flat gasket - nylon), Sealing ring, M 20, Nylon 6
GTIN (EAN)	4032248849802	
Qty.	25 pc(s).	

## 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.	<a href="#">1736310000</a>	SZS (serrated washer), Retaining toothed washers, M 20, Stainless
GTIN (EAN)	4008190963514	steel 1.4404 (316L)
Qty.	10 pc(s).	

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**Accessories****Nickel-plated earthing ring**

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/M 20	Version
Order No.	<a href="#">1736490000</a>	EA (earthing rings), Earthing ring, M 20, Brass, nickel-plated
GTIN (EAN)	4008190963590	
Qty.	20 pc(s).	