

**KDSX (Klippon double sealing SWB/STA Ex cable gland)**  
**KDSX M20 BS O SC 2 G20**

**Weidmüller Interface GmbH & Co. KG**  
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The KDSX features a special ring in the shape of a truncated cone. The braided armouring on the ring makes a connection between the cables and lines possible. The armour ensures a conductive connection between the cable and the cable gland. In addition, the KDSX comes with two seals which provide sealing for the outer and inner parts of the cable insulation. The cable armouring is located between the inner and outer insulation. The cable gland is equipped with a silicone seal for temperatures ranging from -60°C to +180°C. This sealing material allows you to achieve IP66 or IP67 protection. The KDSX is permitted for use with pressure-resistant Ex d encapsulations and increased safety Ex e.

**General ordering data**

Type	KDSX M20 BS O SC 2 G20
Order No.	<a href="#">1135710000</a>
Version	KDSX (Klippon double sealing SWB/STA Ex cable gland), Cable glands, M 20, 16 mm, Braided armouring, 0.15 - 0.5 mm, OD min. 15.5 - OD max. 21.1 mm, ID min. 9.30 - ID max. 14.00 mm, IP66, IP68 - 2.5 bar, Brass
GTIN (EAN)	4032248968442
Qty.	20 pc(s).

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## Technical data

### Dimensions and weights

Length	58 mm	Length (inches)	2.283 inch
Net weight	186 g		

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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### 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	30 mm
Protection degree	IP54	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.	15.5 mm
Outer cable diameter, max.	21.1 mm	Inner cable diameter, min.	9.3 mm
Inner cable diameter, max.	14 mm	Type of armouring, short term	SWB
Type of armouring	Braided armouring	Armour, min.	0.15 mm
Armour, max.	0.5 mm	Size of protective cap	L30
O-Ring	Silicone	Seal insert	Silicone
Sealing		Explosion protection type	Improved safety Ex e, Pressure-resistant Ex d encapsulation
Installation guidelines	Silicone 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 KDSX cable Gland - DoC DE PS2680 160315 003ISS01</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="#">Notice to Installers</a> <a href="#">Assembly guidelines</a>

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**Accessories**
**Protective caps - PVC**


The KSPs are protective caps made from PVC. They protect disconnected cable glands from external environmental influences (e.g., dust) when delivered in a pre-assembled enclosure.

**General ordering data**

Type	KSP L30	Version
Order No.	<a href="#">1736580000</a>	KSP (Klippon shroud), Protective cap, PVC
GTIN (EAN)	4008190956233	
Qty.	10 pc(s).	

**Protective caps - silicone**


The KSPs are protective caps made from PVC. They protect disconnected cable glands from external environmental influences (e.g., dust) when delivered in a pre-assembled enclosure.

**General ordering data**

Type	KSP L30 S	Version
Order No.	<a href="#">0930700002</a>	KSP (Klippon shroud), Protective cap, Silicone
GTIN (EAN)	4032248975976	
Qty.	10 pc(s).	

**Data sheet**

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**Accessories**

**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.	<a href="#">0930710002</a>	EA (earthing rings), Earthing ring, M 20
GTIN (EAN)	4032248849819	
Qty.	20 pc(s).	

**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.	<a href="#">0930640002</a>	SKMU MS (brass locknut), Locknut, M 20, 4 mm, Brass
GTIN (EAN)	4032248849826	
Qty.	50 pc(s).	

**Data sheet**

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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).	