

**KDSX M20 BS O SC 2 G20****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Similar to illustration**

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**

Version	KDSX (Klippon double sealing SWB/STA Ex cable gland), Cable glands, straight, 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
Order No.	<a href="#">1135710000</a>
Type	KDSX M20 BS O SC 2 G20
GTIN (EAN)	4032248968442
Qty.	20 pc(s).

Creation date January 31, 2023 4:26:41 PM CET

Catalogue status 24.01.2023 / We reserve the right to make technical changes.

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

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

**Temperatures**

Operating temperature	-60 °C...180 °C	Operating temperature, min.	-60 °C
Operating temperature, max.	180 °C		

**Certificate numbers cable gland**

Approval conditions	ATEX, IECEX, EAC	Certificate No. (ATEX)	SIRA05ATEX1286X
Certificate No. (IECEX)	IECEXSIR05.0067X	Certificate no. cable gland (EAC)	RU C-DE.HA65.B.00568 20
Certificate no. cable gland (IECEX)	IECEX CML 19.0109X	Identification	ATEX: II 2G, Ex db IIC Gb, Ex eb IIC Gb, II 1D, Ex ta IIIC Da, IECEX: Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da

**General information**

AF size 1	30 mm	Armour, max.	0.5 mm
Armour, min.	0.15 mm	Cable glands	metric, brass
Explosion protection type	Improved safety Ex e, Pressure-resistant Ex d encapsulation	External thread	M 20
Halogen	No	Inner cable diameter, max.	14 mm
Inner cable diameter, min.	9.3 mm	Installation guidelines	See assembly instructions
Length of thread	16 mm	Material	Brass
Operating temperature range, max.	180 °C	Operating temperature range, min.	-60 °C
Outer cable diameter, max.	21.1 mm	Outer cable diameter, min.	15.5 mm
Pitch of thread	1.5 mm	Protection degree	IP54
Protection degree with GWDR	IP66, IP68 - 2.5 bar	Seal insert	Silicone
Sealing	Silicone	Size of protective cap	L30
Type of armouring	Braided armouring	Type of armouring, short term	SWB
Water depth	25 m (30 Min.)		

**Classifications**

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	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	ECLASS 12.0	27-14-08-04

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	3394d55b-7892-488f-8603-ea218c1d0691

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## Technical data

### Approvals

Approvals



Approvals	EAC; ATEX; IECEX
ROHS	Conform

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">IECEXSIR05.0067X</a> <a href="#">SIRA05ATEX1286X</a> <a href="#">RU C-DE.HA65.B.00568 20</a> <a href="#">EU Declaration of Conformity - Klippon KDSX cable Gland - DoC DE PS2680 160315 003ISS03</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</a>
User Documentation	<a href="#">Notice to Installers</a> <a href="#">Assembly guidelines</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB PROCESS EN</a> <a href="#">PI KLIPPON CABLE GL EN</a> <a href="#">PI KLIPPON CABLE GL EN</a>