KDSX M20 BS O SC 2 G16

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 - 0.35 mm, OD min. 8.4 - OD max. 13.5 mm, ID min. 3.50 - ID max. 8.40 mm, IP66, IP68 - 2.5 bar, Brass
Order No.	1135660000
Type	KDSX M20 BS O SC 2 G16
GTIN (EAN)	4032248921881
Qty.	20 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2023-07-30
Alternative product	1184970000

Creation date December 1, 2023 4:10:08 PM CET

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Technical data

Dimensions and weights

Height	58 mm	Height (inches)	2.283 inch
Length	58 mm	Length (inches)	2.283 inch
Net weight	165.8 g		

Temperatures

Operating temperature	-60 °C...180 °C

Certificate numbers cable gland

Approval conditions	ATEX, IECEX	Certificate No. (ATEX)	SIRA05ATEX1286X
Certificate No. (IECEX)	IECEXSIR05.0067X	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	24 mm	AF size 2	24 mm
Armour, max.	0.35 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.	8.4 mm	Inner cable diameter, min.	3.5 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.	13.5 mm
Outer cable diameter, min.	8.4 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	L24	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	ETIM 9.0	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	ECLASS 13.0	27140804

Environmental Product Compliance

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

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Approvals

Approvals	 
Approvals	EAC; ATEX; IECEX
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	IECEXSIR05.0067X SIRA05ATEX1286X EU Declaration of Conformity - Klippon KDSX cable Gland - DoC DE PS2680 160315 003ISS03
Engineering Data	CAD data – STEP
User Documentation	Notice to Installers Assembly guidelines
Catalogues	Catalogues in PDF-format
Brochures	MB OVERV. PROCESS WD DE MB PROCESS EN PI KLIPPON CABLE GL EN PI KLIPPON CABLE GL EN

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Accessories

Brass lock nuts, natural finish



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

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).	

Safety serrated washer



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

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).	

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Accessories

Earth tags



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

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

Protective caps



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	KSP L24	Version
Order No.	1736570000	KSP (Klippon shroud), Protective cap, PVC
GTIN (EAN)	4008190956226	
Qty.	10 pc(s).	
Type	KSP L24 S	Version
Order No.	0930700001	KSP (Klippon shroud), Protective cap, Silicone
GTIN (EAN)	4032248975969	
Qty.	10 pc(s).	

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Accessories

Nylon flat gasket - KSWN



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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).	