

KDSW M20 BN O SC 2 G20S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

The KDSW features a special ring in the shape of a truncated cone. The ring enables connections between cable and lines with single-wire armouring and lead-sheath armouring. This ensures a conductive connection between the cable and the cable gland. In addition, the KDSW 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. When the cable gland is ordered together with a neoprene seal, the seal allows temperatures from -35°C to +90°C. When using a silicone seal, a temperature range of -60°C to +180°C is possible. When both sealing materials are used, it is possible to achieve IP66 or IP67 protection. The KDSW is permitted for use with pressure-resistant Ex d encapsulations and increased safety Ex e.

General ordering data

Version	KDSW (Klippon double seal SWA Ex cable gland), Cable glands, straight, M 20, 16 mm, Single-wire armouring, 0.9 - 1.25 mm, OD min. 11.5 - OD max. 16 mm, ID min. 8.00 - ID max. 11.70 mm, IP66, IP68 - 2.5 bar, Brass
Order No.	1074510000
Type	KDSW M20 BN O SC 2 G20S
GTIN (EAN)	4032248839230
Qty.	20 items
Delivery status	Discontinued
Available until	2023-07-30T00:00:00+02:00
Alternative product	E1W/20/M20-WM

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Technical data

Approvals

Approvals	IECEXSIR; SIRAATEX
Approvals	EAC; ATEX; IECEX
Approvals	



ROHS	Conform
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Dimensions and weights

Height	58 mm	Height (inches)	2.2835 inch
Length	58 mm	Length (inches)	2.2835 inch
Net weight	130 g		

Temperatures

Operating temperature	-35 °C...90 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	3394d55b-7892-488f-8603-ea218c1d0691

Certificate numbers cable gland

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	Certificate no. cable gland (IECEX)	IECEX CML 19.0109X
Certificate No. (IECEX)	IECEXSIR05.0067X	Certificate No. (ATEX)	SIRA05ATEX1286X
Approval conditions	ATEX, IECEX		

General information

Outer cable diameter, max.	16 mm	Outer cable diameter, min.	11.5 mm
Inner cable diameter, max.	11.70 mm	Inner cable diameter, min.	8.00 mm
Protection degree with GWDR	IP66, IP68 - 2.5 bar	Armour, max.	1.25 mm
Armour, min.	0.9 mm	Operating temperature range, max.	90 °C
Operating temperature range, min.	-35 °C	Pitch of thread	1.5 mm
Halogen	Yes	AF size 1	30 mm
AF size 2	30 mm	Protection degree	IP54
Cable gland	metric, brass	Basic material	Brass
Seal insert	CR	Sealing	CR
External thread	M 20	Length of thread	16 mm
Water depth	25 m (30 Min.)	Type of armouring, short term	SWA
Type of armouring	Single-wire armouring	Installation guidelines	See assembly instructions
Size of protective cap	L24		

Classifications

ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	EC000441	ECLASS 14.0	27-14-08-04

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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 ST	

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 steel 1.4404 (316L)
GTIN (EAN)	4008190963514	
Qty.	10 ST	

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 ST	

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Accessories**Nylon flat gasket - KSWN**

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

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 ST	

Type	KSP L24 S	Version
Order No.	0930700001	KSP (Klippon shroud), Protective cap, 0 mm, Silicone
GTIN (EAN)	4032248975969	
Qty.	10 ST	