

## KDSW M20 BN O NI 1 G16

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 - OD min. 4.9 - OD max. 10.3 mm, ID min. 3.50 - ID max. 8.40 mm, IP66, IP68 - 2.5 bar, Brass, nickel-plated
Order No.	<a href="#">1075030000</a>
Type	KDSW M20 BN O NI 1 G16
GTIN (EAN)	4032248918171
Qty.	20 items
Delivery status	This article will no longer be available in the future.
Available until	2023-07-30T00:00:00+02:00
Alternative product	<a href="#">E1W/16/M16-WM</a>

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## Technical data

## Approvals

Approvals	IECEXSIR; SIRAAATEX
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	168.05 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)	SIRA05ATEX 1286X
Approval conditions	ATEX, IECEX		

## General information

Outer cable diameter, max.	10.3 mm	Outer cable diameter, min.	4.9 mm
Inner cable diameter, max.	8.40 mm	Inner cable diameter, min.	3.50 mm
Protection degree with GWDR	IP66, IP68 - 2.5 bar	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	24 mm	AF size 2	24 mm
Protection degree	IP54	Cable gland	metric, nickel-plated brass
Basic material	Brass, nickel-plated	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
ECLASS 15.0	27-14-08-04		

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## Accessories

### Brass lock nuts, nickel-plated



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	Version	
Order No.	<a href="#">1737000000</a>	SKMU MS (brass locknut), Locknut, M 20, 3 mm, Brass, nickel-plated	
GTIN (EAN)	4008190956479		
Qty.	100 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.	<a href="#">1736310000</a>	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/M 20	Version	
Order No.	<a href="#">1736490000</a>	EA (earthing rings), Earthing ring, Miscellaneous, M 20, Brass, nickel-plated	
GTIN (EAN)	4008190963590		
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.	<a href="#">0930730002</a>	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.	<a href="#">1736570000</a>	KSP (Klippon shroud), Protective cap, PVC	
GTIN (EAN)	4008190956226		
Qty.	10 ST		
Type	KSP L24 S	Version	
Order No.	<a href="#">0930700001</a>	KSP (Klippon shroud), Protective cap, 0 mm, Silicone	
GTIN (EAN)	4032248975969		
Qty.	10 ST		