

KDSX M50 BS O NI 2 G50S

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



The KDSX features a special ring in the shape of a truncated cone. The braided armoring 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 armoring is located between the inner and outer insulation. The cable gland is equipped with a silicone seal for temperatures ranging from -60°C to $+180^{\circ}\text{C}$. 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 50, 16 mm, Braided armoring, 0.2 - 0.6 mm, OD min. 39.4 - OD max. 46.7 mm, ID min. 31.50 - ID max. 38.20 mm, IP66, IP68 - 2.5 bar, Brass, nickel-plated
Order No.	1136040000
Type	KDSX M50 BS O NI 2 G50S
GTIN (EAN)	4032248968572
Qty.	1 items
Delivery status	Discontinued
Available until	2023-07-30T00:00:00+02:00
Alternative product	E1XZ/50S/M50-WM

Creation date 18.02.2026 05:50:11 MEZ

Catalogue status / Drawings

KDSX M50 BS 0 NI 2 G50S

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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	73 mm	Height (inches)	2.874 inch
Length	73 mm	Length (inches)	2.874 inch
Net weight	980 g		

Temperatures

Operating temperature	-60 °C... 180 °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.	46.7 mm	Outer cable diameter, min.	39.4 mm
Inner cable diameter, max.	38.20 mm	Inner cable diameter, min.	31.50 mm
Protection degree with GWDR	IP66, IP68 - 2.5 bar	Armour, max.	0.6 mm
Armour, min.	0.2 mm	Operating temperature range, max.	180 °C
Operating temperature range, min.	-60 °C	Pitch of thread	1.5 mm
Halogen	No	AF size 1	65 mm
AF size 2	65 mm	Protection degree	IP54
Cable gland	metric, nickel-plated brass	Basic material	Brass, nickel-plated
Seal insert	Silicone	Sealing	Silicone
External thread	M 50	Length of thread	16 mm
Water depth	25 m (30 Min.)	Type of armouring, short term	SWB
Explosion protection type	Improved safety Ex e, Pressure-resistant Ex d encapsulation	Type of armouring	Braided armouring
Installation guidelines	See assembly instructions	Size of protective cap	L65

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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 M50 MS	Version	
Order No.	1737040000	SKMU MS (brass locknut), Locknut, M 50, 5 mm, Brass, nickel-plated	
GTIN (EAN)	4008190956516		
Qty.	25 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 M50	Version	
Order No.	1736350000	SZS (serrated washer), Retaining toothed washers, M 50, Stainless steel 1.4404 (316L)	
GTIN (EAN)	4008190963552		
Qty.	5 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 50	Version	
Order No.	1736530000	EA (earthing rings), Earthing ring, Miscellaneous, M 50, Brass, nickel-plated	
GTIN (EAN)	4008190963644		
Qty.	10 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 M50	Version	
Order No.	0900660000	KSWN (flat gasket - nylon), Sealing ring, M 50, Nylon 6	
GTIN (EAN)	4032248850105		
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 L65	Version	
Order No.	1736620000	KSP (Klippon shroud), Protective cap, PVC	
GTIN (EAN)	4008190956288		
Qty.	10 ST		
Type	KSP L65 S	Version	
Order No.	0930700006	KSP (Klippon shroud), Protective cap, Silicone	
GTIN (EAN)	4032248976010		
Qty.	10 ST		