

KDSW M75 BN L NI 1 G75S**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 75, 19 mm, Single-wire armouring, Lead sheath armouring, 2.5 - OD min. 60.2 - OD max. 68 mm, ID min. 54.50 - ID max. 62.00 mm, IP66, IP68 - 2.5 bar, Brass, nickel-plated
Order No.	1074980000
Type	KDSW M75 BN L NI 1 G75S
GTIN (EAN)	4032248837328
Qty.	1 items
Delivery status	Discontinued
Available until	2023-07-30T00:00:00+02:00

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Technical data

Approvals

Approvals IECExSIR; SIRAATEX

Approvals EAC; ATEX; IECEx

Approvals



ROHS Conform

Dimensions and weights

Height	82 mm	Height (inches)	3.2283 inch
Length	82 mm	Length (inches)	3.2283 inch
Net weight	1745 g		

Temperatures

Operating temperature -35 °C...90 °C

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.	68 mm	Outer cable diameter, min.	60.2 mm
Inner cable diameter, max.	62.00 mm	Inner cable diameter, min.	54.50 mm
Protection degree with GWDR	IP66, IP68 - 2.5 bar	Armour, min.	2.5 mm
Operating temperature range, max.	90 °C	Operating temperature range, min.	-35 °C
Pitch of thread	1.5 mm	Halogen	Yes
AF size 1	90 mm	AF size 2	90 mm
Protection degree	IP54	Cable gland	metric, nickel-plated brass
Basic material	Brass, nickel-plated	Seal insert	CR
Sealing	CR	External thread	M 75
Length of thread	19 mm	Water depth	25 m (30 Min.)
Type of armouring, short term	SWA	Explosion protection type	Improved safety Ex e, Pressure-resistant Ex d encapsulation
Type of armouring	Single-wire armouring, Lead sheath armouring	Installation guidelines	See assembly instructions
Size of protective cap	L90		

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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 M75 MS	Version
Order No.	1737060000	SKMU MS (brass locknut), Locknut, M 75, 7 mm, Brass, nickel-plated
GTIN (EAN)	4008190956530	
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 75	Version
Order No.	1736550000	EA (earthing rings), Earthing ring, Miscellaneous, M 75, Brass, nickel-plated
GTIN (EAN)	4008190963668	
Qty.	10 ST	

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 M75	Version
Order No.	1076670000	KSWN (flat gasket - nylon), Sealing ring, M 75, Nylon 6
GTIN (EAN)	4032248838714	
Qty.	25 ST	

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Accessories**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 L90	Version
Order No.	1736640000	KSP (Klippon shroud), Protective cap, PVC
GTIN (EAN)	4008190956301	
Qty.	10 ST	
Type	KSP L90 S	Version
Order No.	0930700008	KSP (Klippon shroud), Protective cap, Silicone
GTIN (EAN)	4032248976034	
Qty.	10 ST	