

KDSW M75 BS O NI 2 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, 2.5 - OD min. 64.8 - OD max. 72.2 mm, ID min. 54.50 - ID max. 62.00 mm, IP66, IP68 - 2.5 bar, Brass, nickel-plated
Order No.	1136630000
Type	KDSW M75 BS O NI 2 G75S
GTIN (EAN)	4032248968107
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2023-07-30

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Technical data

Dimensions and weights

Height	82 mm	Height (inches)	3.228 inch
Length	82 mm	Length (inches)	3.228 inch
Net weight	1,745 g		

Temperatures

Operating temperature	-60 °C...180 °C
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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	90 mm	AF size 2	90 mm
Armour, min.	2.5 mm	Cable glands	metric, nickel-plated brass
External thread	M 75	Halogen	No
Inner cable diameter, max.	62 mm	Inner cable diameter, min.	54.5 mm
Installation guidelines	See assembly instructions	Length of thread	19 mm
Material	Brass, nickel-plated	Operating temperature range, max.	180 °C
Operating temperature range, min.	-60 °C	Outer cable diameter, max.	72.2 mm
Outer cable diameter, min.	64.8 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	L90	Type of armouring	Single-wire armouring
Type of armouring, short term	SWA	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 KDSW cable Gland - DoC DE PS2680 160315 002ISS03
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**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 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 L90	Version
Order No.	1736640000	KSP (Klippon shroud), Protective cap, PVC
GTIN (EAN)	4008190956301	
Qty.	10 pc(s).	

Type	KSP L90 S	Version
Order No.	0930700008	KSP (Klippon shroud), Protective cap, Silicone
GTIN (EAN)	4032248976034	
Qty.	10 pc(s).	

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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 pc(s).	

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 pc(s).	