

## KDSW M75 BN O SC 2 G75

**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, M 75, 19 mm, Single-wire armouring, 2.5 - OD min. 71.1 - OD max. 78 mm, ID min. 60.50 - ID max. 68.00 mm, IP66, IP68 - 2.5 bar, Brass
Order No.	<a href="#">1074840000</a>
Type	KDSW M75 BN O SC 2 G75
GTIN (EAN)	4032248838479
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Length	82 mm	Length (inches)	3.228 inch
Net weight	1,375 g		

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Certificate numbers cable gland**

Approval conditions	ATEX, IECEX, EAC	Certificate No. (ATEX)	SIRA05ATEX1286X
Certificate No. (IECEX)	IECEXSIR05.0067X	Certificate no. cable gland (EAC)	RU C-DE.HA65.B.00568 20
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	Armour, min.	2.5 mm
Cable glands	metric, brass	External thread	M 75
Inner cable diameter, max.	68 mm	Inner cable diameter, min.	60.5 mm
Installation guidelines	See assembly instructions	Length of thread	19 mm
Material	Brass	O-Ring	NBR
Operating temperature range, max.	90 °C	Operating temperature range, min.	-35 °C
Outer cable diameter, max.	78 mm	Outer cable diameter, min.	71.1 mm
Pitch of thread	1.5 mm	Protection degree	IP54
Protection degree with GWDR	IP66, IP68 - 2.5 bar	Seal insert	CR
Sealing	CR	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
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

**Approvals**

Approvals



Approvals EAC; ATEX; IECEX

ROHS Conform

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Approval/Certificate/Document of Conformity	<a href="#">IECEXSIR05.0067X</a> <a href="#">SIRA05ATEX1286X</a> <a href="#">RU C-DE.HA65.B.00568 20</a> <a href="#">EU Declaration of Conformity - Klippon KDSW cable Gland - DoC DE PS2680 160315 002ISS01</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN_WSCAD</a>
User Documentation	<a href="#">Notice to Installers</a> <a href="#">Assembly guidelines</a>