

**KSG (Klippon standard Ex cable gland)
KSG M50 BS O NI 2 G50****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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The KSG is only intended for use when connecting non-armoured cables and lines. When the cable gland is ordered together with a neoprene seal, the seal allows temperatures from -20°C to +85°C. When using a silicone seal, a temperature range of -60°C to +180°C is possible. The O-ring and the cable gland included in the delivery are made from the same material. IP66 or IP68 protection at a depth of 25 metres under water (a pressure of 2.5 bar) is guaranteed when using this sealing material. The KSG is permitted for use with pressure-resistant Ex d encapsulations and increased safety Ex e.

General ordering data

Available until	2015-10-30
Type	KSG M50 BS O NI 2 G50
Order No.	1136670000
Version	KSG (Klippon standard Ex cable gland), Cable gland, M 50, 16 mm, OD min. 33.1 - OD max. 44.1 mm, IP66, IP68 - 2.5 bar, Brass, nickel-plated
GTIN (EAN)	4032248968237
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	37 mm	Length (inches)	1.457 inch
Net weight	674 g		

Environmental Product Compliance

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

Identification	ATEX: II 2G, Ex d IIC Gb, Ex e IIC Gb; II 1D, Ex ta IIIC Da, IECEx: Ex d IIC Gb; Ex e IIC Gb; Ex ta IIIC Da	Certificate no. cable gland (ATEX)	SIRA 05 ATEX 1287X
Certificate no. cable gland (IECEx)	IECEXSIR05.0067X	Certificate no. cable gland (EAC)	RUC-DE.IT08.B.00594

General information

AF size 1	65 mm	Cable gland	metric, nickel-plated brass
Explosion protection type	Pressure-resistant Ex d encapsulation, Improved safety Ex e	External thread	M 50
Installation guidelines	See assembly instructions	Length of thread	16 mm
Material	Brass, nickel-plated	O-Ring	Silicone
Operating temperature range, max.	180 °C	Operating temperature range, min.	-60 °C
Outer cable diameter, max.	44.1 mm	Outer cable diameter, min.	33.1 mm
Pitch of thread	1.5 mm	Protection degree	IP66, IP68 - 2.5 bar
Protection degree with GWDR	IP66, IP68 - 2.5 bar	Seal insert	Silicone
Sealing	Silicone	Size of protective cap	L65
Water depth	25 m (30 Min.)		

Classifications

ETIM 3.0	EC000441	ETIM 4.0	EC000441
ETIM 5.0	EC000441	ETIM 6.0	EC000441
eClass 6.2	27-14-91-11	eClass 7.1	27-14-91-11
eClass 8.1	27-14-91-11	eClass 9.0	27-14-44-34
eClass 9.1	27-14-44-34		

Product information

Descriptive text ordering data	<0x2022> <0x0007>All cable glands have a thread pitch of 1.5 mm. <0x2022> <0x0007>In the case of Ex d applications, the inner threads used for cable glands must meet the requirements of section 5.3 of EN/IEC 60079-1. In the screwed in position, at least 5 threads must be engaged. <0x2022> <0x0007>If the cable glands are installed in non-metallic Ex e connection equipment, these must be connected to the protective earth of the system. <0x2022> <0x0007>The connection cable must be laid securely and inflexibly to rule out tensile stress.
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Technical data

Approvals

Approvals



Approvals	EAC; ATEX; IECEX
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity - Klippon KSG cable Gland - DoC DE PS2680 160315 004ISS01
Brochure/Catalogue	MB OVERV. PROCESS WD DE MB PROCESS EN CAT 5 ENCL 17/18 EN PI KLIPPON CABLE GL EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
User Documentation	Assembly guidelines