

KSG M50 BN O NI 2 G50S

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration



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 -35°C to $+90^{\circ}\text{C}$. When using a silicone seal, a temperature range of -60°C to $+180^{\circ}\text{C}$ 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

Version	KSG (Klippon standard Ex cable gland), Cable glands, straight, M 50, 16 mm, OD min. 28.1 - OD max. 38.2 mm, IP66, IP68 - 2.5 bar, Brass, nickel-plated
Order No.	1911600000
Type	KSG M50 BN O NI 2 G50S
GTIN (EAN)	4032248539741
Qty.	1 pc(s).
Available until	2015-10-30

Creation date February 2, 2023 4:08:17 PM CET

Catalogue status 24.01.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Length	37 mm	Length (inches)	1.457 inch
Net weight	700 g		

Temperatures

Operating temperature	-35 °C...90 °C	Operating temperature, min.	-35 °C
Operating temperature, max.	90 °C		

Certificate numbers cable gland

Approval conditions	ATEX, IECEX, EAC	Certificate No. (ATEX)	SIRA05ATEX1287X
Certificate No. (IECEX)	IECEXSIR05.0067X	Certificate no. cable gland (EAC)	RU C-DE.HA65.B.00568 20
Certificate no. cable gland (IECEX)	IECEX CML 19.0109X	Identification	ATEX: II 2GD, Ex db IIC Gb, Ex ta IIIC Da and/or II 2 GD, Ex eb IIC Gb, Ex ta IIIC Da, IECEX: Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da

General information

AF size 1	65 mm	Cable glands	metric, nickel-plated brass
Explosion protection type	Pressure-resistant Ex d encapsulation, Improved safety Ex e	External thread	M 50
Halogen	Yes	Installation guidelines	See assembly instructions
Length of thread	16 mm	Material	Brass, nickel-plated
O-Ring	NBR	Operating temperature range, max.	90 °C
Operating temperature range, min.	-35 °C	Outer cable diameter, max.	38.2 mm
Outer cable diameter, min.	28.1 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	CR	Sealing	CR
Size of protective cap	L65	Water depth	25 m (30 Min.)

Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Approvals

Approvals



Approvals	EAC; ATEX; IECEX
ROHS	Conform

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Approval/Certificate/Document of Conformity	IECEXSIR05.0067X SIRA05ATEX1287X RU C-DE.HA65.B.00568 20 EU Declaration of Conformity - Klippon KSG cable Gland - DoC DE PS2680 160315 004ISS03
Engineering Data	CAD data – STEP
Engineering Data	WSCAD
User Documentation	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