

Cable glands KSG M50 BN O NI 2 G50S

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



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

Type	KSG M50 BN O NI 2 G50S
Order No.	1911600000
Version	cable glands, Brass, nickel-plated, External thread: M 50
GTIN (EAN)	4032248539741
Qty.	1 pc(s).

Cable glands KSG M50 BN O NI 2 G50S

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Technische Daten

Dimensions and weights

Length	37 mm	Net weight	750 g
--------	-------	------------	-------

Approvals

Approval for cable gland	ATEX II 2 GD, Ex d IIC / Ex e II / Ex tD A21 IP68, IECEX Ex d IIC / Ex e II
--------------------------	---

General information

AF size 1	65 mm	Cable gland	metric, nickel-plated brass
Clamping range, max.	38.2 mm	Clamping range, min.	28.2 mm
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	NBR
Operating temperature range, max.	85 °C	Operating temperature range, min.	-20 °C
Pitch of thread	1.5	Protection degree with GWDR	IP 66, IP 68 - 2.5 bar
Seal insert	CR	Sealing	CR
Size of protective cap	L65	Water depth	25 m (30 Min.)

Classifications

ETIM 3.0	EC000441	UNSPSC	30-21-18-01
eClass 5.1	27-14-91-11	eClass 6.2	27-14-91-11
eClass 7.1	27-14-91-11		

Test certificates

Certificate No. (ATEX)	SIRA05ATEX1287X	Certificate No. (IECEX)	IECEXSIR05.0067X
------------------------	-----------------	-------------------------	------------------

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.
Descriptive text technical data	Length "L" varies according to cable diameter used.

Approvals

Approvals

GOSTEX IEC EX ATEX

ROHS	Conform
------	---------

Downloads

PDF	Notice to Installers
-----	--------------------------------------