

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°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

Version	KSG (Klippon standard Ex cable gland), Cable glands, straight, M 50, 16 mm, OD min. 28.1 - OD max. 38.2 mm, ID min. 28.10 - ID max. 38.20 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 items
Delivery status	Discontinued
Available until	2023-07-30T00:00:00+02:00
Alternative product	A2L/50S/M50-WM

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Technical data

Approvals

Approvals IECXSIR; SIRAATEX

Approvals EAC; ATEX; IECEx

Approvals

IECEx



ATEX - SIRA

ROHS Conform

Dimensions and weights

Height	37 mm	Height (inches)	1.4567 inch
Length	37 mm	Length (inches)	1.4567 inch
Net weight	700 g		

Temperatures

Operating temperature -35 °C...90 °C

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1

Certificate numbers cable gland

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	Certificate no. cable gland (IECEx)	IECEx CML 19.0109X
Certificate No. (IECEx)	IECEXSIR05.0067X	Certificate No. (ATEX)	SIRA05ATEX1287X
Approval conditions	ATEX, IECEx		

General information

Outer cable diameter, max.	38.2 mm	Outer cable diameter, min.	28.1 mm
Inner cable diameter, max.	38.20 mm	Inner cable diameter, min.	28.10 mm
O-Ring	NBR	Protection degree with GWDR	IP66, IP68 - 2.5 bar
Operating temperature range, max.	90 °C	Operating temperature range, min.	-35 °C
Pitch of thread	1.5 mm	Halogen	Yes
AF size 1	65 mm	AF size 2	65 mm
Protection degree	IP66, IP68 - 2.5 bar	Cable gland	metric, nickel-plated brass
Basic material	Brass, nickel-plated	Seal insert	CR
Sealing	CR	External thread	M 50
Length of thread	16 mm	Water depth	25 m (30 Min.)
Explosion protection type	Pressure-resistant Ex d encapsulation, Improved safety Ex e	Installation guidelines	See assembly instructions
Size of protective cap	L65		

Classifications

ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	EC000441	ECLASS 14.0	27-14-08-04

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ECLASS 15.0

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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 M50 MS	Version
Order No.	1737040000	SKMU MS (brass locknut), Locknut, M 50, 5 mm, Brass, nickel-plated
GTIN (EAN)	4008190956516	
Qty.	25 ST	

Safety serrated washer


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	SZS M50	Version
Order No.	1736350000	SZS (serrated washer), Retaining toothed washers, M 50, Stainless steel 1.4404 (316L)
GTIN (EAN)	4008190963552	
Qty.	5 ST	

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 50	Version
Order No.	1736530000	EA (earthing rings), Earthing ring, Miscellaneous, M 50, Brass, nickel-plated
GTIN (EAN)	4008190963644	
Qty.	10 ST	

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Accessories**Vulcanised fibre gasket - KSWF**

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	KSWF M50	Version	
Order No.	1076720000	KSWF (flat gasket - vulcanised fibre), Sealing ring, M 50, Vulcanized	
GTIN (EAN)	4032248838646	fibre	
Qty.	25 ST		

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 M50	Version	
Order No.	0900660000	KSWN (flat gasket - nylon), Sealing ring, M 50, Nylon 6	
GTIN (EAN)	4032248850105		
Qty.	25 ST		