

KUB M50 BS O NI 1 G50**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

The KUB features a special ring in the shape of a truncated cone. The ring enables connections between single-wire-armoured and metal-foil-armoured cables and braided-armoured lines. This ensures a conductive connection between the cable and the cable gland. It is also possible to connect non-armoured cables and lines. The KUB also features a seal for sealing the outer cable insulation. The area of the connecting cable that is exposed after stripping the inner insulation is then encapsulated with the encapsulation compound (included in delivery). Thus all of the gaps and spaces between the individual wire strands are 100% sealed. The cable gland is certified for use in temperatures ranging from -60°C to +135°C. The O-ring and the encapsulation compound are both included in the delivery. When encapsulated, the cable gland guarantees IP66 or IP68 protection at a depth of 100 metres under water (a pressure of 10 bar for 7 days). The KUB is only approved for use with pressure-resistant Ex d encapsulation. This type of cable gland must be used in the following cases: 1.) If the surroundings of an IIC device require it or when the enclosure contains components that could trigger an internal explosion (such as a flying spark) 2.) When the surroundings of no group-IIC devices require it, the enclosure contains components that could trigger an internal explosion, it is a Zone-1 installation, and the enclosure volume is greater than 2 dm³.

General ordering data

Version	KUB (Klippon universal die-cast Ex cable gland), Cable glands, straight, M 50, 16 mm, Single-wire armouring, Metal foil armouring, Braided armouring, 0.1 - 2.5 mm, OD min. 41.1 - OD max. 48.5 mm, ID max. 44.10 mm, IP68 - 10 bar, Brass, nickel-plated
Order No.	1095240000
Type	KUB M50 BS O NI 1 G50
GTIN (EAN)	4032248868148
Qty.	1 pc(s).
Delivery status	Discontinued
Available until	2023-07-30

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Technical data

Dimensions and weights

Height	115 mm	Height (inches)	4.528 inch
Length	115 mm	Length (inches)	4.528 inch
Net weight	1,340 g		

Temperatures

Operating temperature	-60 °C...135 °C
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Certificate numbers cable gland

Approval conditions	ATEX, IECEx	Certificate No. (ATEX)	SIRA05ATEX1288X
Certificate No. (IECEx)	IECEXSIR05.0067X	Certificate no. cable gland (IECEx)	IECEx CML 19.0109X
Identification	ATEX: II 2 GD, Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC (Ta = -60°C to + 135°C) or II 1D, Ex ta IIIC Da (Ta = -60°C to + 135°C), IECEx: Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da		

General information

AF size 1	65 mm	AF size 2	65 mm
Armour, max.	2.5 mm	Armour, min.	0.1 mm
Cable glands		Encapsulation compound	Processing temperature at 21°C, the sealing compound is hardened after one hour, After 4 hours, the cable gland can be installed and initial commissioning can take place
Explosion protection type	metric, nickel-plated brass Pressure-resistant Ex d encapsulation	External thread	M 50
Halogen	No	Inner cable diameter, max.	44.1 mm
Installation guidelines	See assembly instructions	Length of thread	16 mm
Material	Brass, nickel-plated	Max. diameter of bundled wires	39.4
Number of wires	400	O-Ring	Silicone
Operating temperature range, max.	135 °C	Operating temperature range, min.	-60 °C
Outer cable diameter, max.	48.5 mm	Outer cable diameter, min.	41.1 mm
Pitch of thread	1.5 mm	Protection degree	IP68 - 10 bar
Protection degree with GWDR	IP68 - 10 bar	Seal insert	Silicone
Sealing	Silicone	Size of protective cap	EL65
Type of armouring	Single-wire armouring, Metal foil armouring, Braided armouring	Type of armouring, short term	SWA, STA, SWB
Water depth	100 m (30 Min.)		

Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	EC000441	ETIM 9.0	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	ECLASS 13.0	27-14-08-04

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www.weidmueller.com**Technical data****Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	3394d55b-7892-488f-8603-ea218c1d0691

Approvals

Approvals



Approvals	EAC; ATEX; IECEx
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	IECEXSIR05.0067X SIRA05ATEX1288X EU Declaration of Conformity - Klippon KUB cable Gland - DoC DE PS2680 160315 005ISS03
User Documentation	Notice to Installers 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

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www.weidmueller.com**Accessories****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 pc(s).	

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 pc(s).	

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www.weidmueller.com**Accessories****Protective caps**

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General ordering data

Type	KSP EL65	Version
Order No.	1076770000	KSP (Klippon shroud), Protective cap, PVC
GTIN (EAN)	4032248838585	
Qty.	10 pc(s).	

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 pc(s).	

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Accessories
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
GTIN (EAN)	4008190963552	steel 1.4404 (316L)
Qty.	5 pc(s).	

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-
GTIN (EAN)	4008190963644	plated
Qty.	10 pc(s).	