

KUB M50 BS O SC 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
Order No.	1095480000
Type	KUB M50 BS O SC 1 G50
GTIN (EAN)	4032248868322
Qty.	1 items
Delivery status	Discontinued
Available until	2023-07-30T00:00:00+02:00

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Technical data

Approvals

Approvals	IECEXSIR; SIRAATEX
Approvals	EAC; ATEX; IECEX
Approvals	



ROHS	Conform
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Dimensions and weights

Height	115 mm	Height (inches)	4.5275 inch
Length	115 mm	Length (inches)	4.5275 inch
Net weight	1340 g		

Temperatures

Operating temperature	-60 °C...135 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	3394d55b-7892-488f-8603-ea218c1d0691

Certificate numbers cable gland

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	Certificate no. cable gland (IECEX)	IECEX CML 19.0109X
Certificate No. (IECEX)	IECEXSIR05.0067X	Certificate No. (ATEX)	SIRA05ATEX1288X
Approval conditions	ATEX, IECEX		

General information

Outer cable diameter, max.	48.5 mm	Outer cable diameter, min.	41.1 mm
Inner cable diameter, max.	44.10 mm	O-Ring	Silicone
Protection degree with GWDR	IP68 - 10 bar	Number of wires	400
Armour, max.	2.5 mm	Armour, min.	0.1 mm
Operating temperature range, max.	135 °C	Operating temperature range, min.	-60 °C
Pitch of thread	1.5 mm	Halogen	Yes
AF size 1	65 mm	AF size 2	65 mm
Protection degree	IP68 - 10 bar	Cable gland	metric, brass
Basic material	Brass	Seal insert	CR
Sealing	Silicone	External thread	M 50
Length of thread	16 mm	Water depth	100 m (30 Min.)
Type of armouring, short term	SWA, STA, SWB	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

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Explosion protection type	Pressure-resistant Ex d encapsulation	Type of armouring	commissioning can take place Single-wire armouring, Metal foil armouring, Braided armouring
Max. diameter of bundled wires	39.40	Installation guidelines	See assembly instructions
Size of protective cap	EL65		

Classifications

ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	EC000441	ECLASS 14.0	27-14-08-04
ECLASS 15.0	27-14-08-04		

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Accessories

Brass lock nuts, natural finish



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 SC	Version
Order No.	0930640006	SKMU MS (brass locknut), Locknut, M 50, 5 mm, Brass
GTIN (EAN)	4032248976102	
Qty.	5 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/M50 SC	Version
Order No.	0930710006	EA (earthing rings), Earthing ring, Miscellaneous, M 50, Brass
GTIN (EAN)	4032248976218	
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	

Protective caps



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