

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, 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).

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Technical data

Dimensions and weights

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Certificate numbers cable gland

Approval conditions	ATEX, IECEX, EAC	Certificate No. (ATEX)	SIRA05ATEX1288X
Certificate No. (IECEX)	IECEXSIR05.0067X	Certificate no. cable gland (EAC)	RU C-DE.HA65.B.00568 20
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	Armour, max.	2.5 mm
Armour, min.	0.1 mm	Cable glands	metric, nickel-plated brass
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	Pressure-resistant Ex d encapsulation
External thread	M 50	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
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

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Approvals



Approvals EAC; ATEX; IECEX

ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	IECEXSIR05.0067X SIRA05ATEX1288X RU C-DE.HA65.B.00568 20 EU Declaration of Conformity - Klippon KUB cable Gland - DoC DE PS2680 160315 005ISS01
Engineering Data	EPLAN, WSCAD
User Documentation	Notice to Installers Assembly guidelines