

**KUB M75 BS O NI 1 G75S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 dm<sup>3</sup>.

**General ordering data**

Version	KUB (Klippon universal die-cast Ex cable gland), Cable glands, straight, M 75, 19 mm, Single-wire armouring, Metal foil armouring, Braided armouring, 0.1 - 2.5 mm, OD min. 60.2 - OD max. 68 mm, ID max. 62.00 mm, IP68 - 10 bar, Brass, nickel-plated
Order No.	<a href="#">1095300000</a>
Type	KUB M75 BS O NI 1 G75S
GTIN (EAN)	4032248867899
Qty.	1 pc(s).
Delivery status	<b>Discontinued</b>
Available until	2023-07-30

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## Technical data

## Dimensions and weights

Height	122 mm	Height (inches)	4.803 inch
Length	122 mm	Length (inches)	4.803 inch
Net weight	2,330 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	90 mm	AF size 2	90 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 75
Halogen	No	Inner cable diameter, max.	62 mm
Installation guidelines	See assembly instructions	Length of thread	19 mm
Material	Brass, nickel-plated	Max. diameter of bundled wires	55.4
Number of wires	425	O-Ring	Silicone
Operating temperature range, max.	135 °C	Operating temperature range, min.	-60 °C
Outer cable diameter, max.	68 mm	Outer cable diameter, min.	60.2 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	EL90
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](http://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	<a href="#">IECEXSIR05.0067X</a> <a href="#">SIRA05ATEX1288X</a> <a href="#">EU Declaration of Conformity - Klippon KUB cable Gland - DoC DE PS2680 160315 005ISS03</a>
User Documentation	<a href="#">Notice to Installers</a> <a href="#">Assembly guidelines</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB PROCESS EN</a> <a href="#">PI KLIPPON CABLE GL EN</a> <a href="#">PI KLIPPON CABLE GL EN</a>

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[www.weidmueller.com](http://www.weidmueller.com)**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 M75 MS	Version
Order No.	<a href="#">1737060000</a>	SKMU MS (brass locknut), Locknut, M 75, 7 mm, Brass, nickel-plated
GTIN (EAN)	4008190956530	
Qty.	5 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 M75	Version
Order No.	<a href="#">1076740000</a>	KSWF (flat gasket - vulcanised fibre), Sealing ring, M 75, Vulcanized
GTIN (EAN)	4032248838660	fibre
Qty.	25 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****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 L80	Version
Order No.	<a href="#">1736630000</a>	KSP (Klippon shroud), Protective cap, PVC
GTIN (EAN)	4008190956295	
Qty.	10 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 75	Version
Order No.	<a href="#">1736550000</a>	EA (earthing rings), Earthing ring, Miscellaneous, M 75, Brass, nickel-plated
GTIN (EAN)	4008190963668	
Qty.	10 pc(s).	

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[www.weidmueller.com](http://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 M75	Version
Order No.	<a href="#">1076670000</a>	KSWN (flat gasket - nylon), Sealing ring, M 75, Nylon 6
GTIN (EAN)	4032248838714	
Qty.	25 pc(s).	