

KDSU M32 BS 0 NI 2 G32

Weidmüller Interfaces GmbH & Co. KG

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Similar to illustration



The KDSU 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 ensure a conductive connection between the cable and the cable gland. It is also possible to connect non-armoured cables and lines. In addition, the KDSU comes with two separate seals which provide sealing for the outer and inner parts of the cable insulation. The cable armouring is located between the inner and outer insulation. 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. When using both sealing materials, IP66 or IP68 protection at a depth of 25 metres under water (a pressure of 2.5 bar) is guaranteed. The KDSU is permitted for use with pressure-resistant Ex d encapsulations and increased safety Ex e. Besides the mechanical protective function offered for cables and lines, this can also be used for EMC applications.

General ordering data

Version	KDSU (Klippon double seal universal Ex cable gland), Cable glands, straight, M 32, 16 mm, Single-wire armouring, Metal foil armouring, Braided armouring, 0.1 - 2 mm, OD min. 26.7 - OD max. 34 mm, ID min. 19.50 - ID max. 26.30 mm, IP66, IP68 - 2.5 bar, Brass, nickel-plated
Order No.	0930041222
Type	KDSU M32 BS 0 NI 2 G32
GTIN (EAN)	4032248917983
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Length	105 mm	Length (inches)	4.134 inch
Net weight	750 g		

Temperatures

Operating temperature	-60 °C... 180 °C
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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)	SIRA05ATEX1285X
Certificate No. (IECEX)	IECEXSIR05.0067X	Certificate no. cable gland (EAC)	RU C-DE.HA65.B.00568 20
Identification	ATEX: II 2G, Ex db IIC Gb, Ex eb IIC Gb, II 1D, Ex ta IIIC Da, IECEX: Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da		

General information

AF size 1	46 mm	Armour, max.	2 mm
Armour, min.	0.1 mm	Cable glands	metric, nickel-plated brass
External thread	M 32	Halogen	No
Inner cable diameter, max.	26.3 mm	Inner cable diameter, min.	19.5 mm
Installation guidelines	See assembly instructions	Length of thread	16 mm
Material	Brass, nickel-plated	O-Ring	Silicone
Operating temperature range, max.	180 °C	Operating temperature range, min.	-60 °C
Outer cable diameter, max.	34 mm	Outer cable diameter, min.	26.7 mm
Pitch of thread	1.5 mm	Protection degree	IP66, IP68 - 2.5 bar
Protection degree with GWDR	IP66, IP68 - 2.5 bar	Seal insert	Silicone
Sealing	Silicone	Size of protective cap	EL46
Type of armouring	Single-wire armouring, Metal foil armouring, Braided armouring	Type of armouring, short term	SWA, STA, SWB
Water depth	25 m (30 Min.)		

Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	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

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Approvals



Approvals	EAC; ATEX; IECEX
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	SIRA05ATEX1285X IECEXSIR05.0067X EU Declaration of Conformity - Klippon KDSU cable Gland - DoC DE PS2680 160315 001ISS03
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
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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Accessories**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 32	Version
Order No.	1736510000	EA (earthing rings), Earthing ring, M 32, Brass, nickel-plated
GTIN (EAN)	4008190963613	
Qty.	20 pc(s).	

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 EL46	Version
Order No.	1076750000	KSP (Klippon shroud), Protective cap, PVC
GTIN (EAN)	4032248838561	
Qty.	10 pc(s).	

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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 M32 MS	Version
Order No.	1737020000	SKMU MS (brass locknut), Locknut, M 32, 4 mm, Brass, nickel-plated
GTIN (EAN)	4008190956493	
Qty.	100 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 M32	Version
Order No.	1076690000	KSWF (flat gasket - vulcanised fibre), Sealing ring, M 32, Vulcanized
GTIN (EAN)	4032248838622	fibre
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 M32	Version
Order No.	1736330000	SZS (serrated washer), Retaining toothed washers, M 32, Stainless
GTIN (EAN)	4008190963538	steel 1.4404 (316L)
Qty.	10 pc(s).	

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 M32	Version
Order No.	1076650000	KSWN (flat gasket - nylon), Sealing ring, M 32, Nylon 6
GTIN (EAN)	4032248838691	
Qty.	25 pc(s).	

Mouser Electronics

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