

## KDSU (Klippon double seal universal Ex cable gland) KDSU M25 BS O NI 1 G25

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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 ensures 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 -20°C to +85°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

Type	KDSU M25 BS O NI 1 G25
Order No.	<a href="#">0930031221</a>
Version	KDSU (Klippon double seal universal Ex cable gland), Cable glands, M 25, 16 mm, Single-wire armouring, Metal foil armouring, Braided armouring, 0.1 - 1.6 mm, OD min. 16.8 - OD max. 23.9 mm, ID min. 13.50 - ID max. 20.00 mm, IP66, IP68 - 2.5 bar, Brass, nickel-plated
GTIN (EAN)	4032248917938
Qty.	20 pc(s).

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**Technical data****Dimensions and weights**

Length	90 mm	Length (inches)	3.543 inch
Net weight	400 g		

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**General information**

Material	Brass, nickel-plated	Cable glands	metric, nickel-plated brass
External thread	M 25	Pitch of thread	1.5 mm
Length of thread	16 mm	AF size 1	38 mm
Protection degree	IP66, IP68 - 2.5 bar	Protection degree with GWDR	IP66, IP68 - 2.5 bar
Water depth	25 m (30 Min.)	Operating temperature range, min.	-60 °C
Operating temperature range, max.	180 °C	Outer cable diameter, min.	16.8 mm
Outer cable diameter, max.	23.9 mm	Inner cable diameter, min.	13.5 mm
Inner cable diameter, max.	20 mm	Type of armouring, short term	SWA, STA, SWB
Type of armouring	Single-wire armouring, Metal foil armouring, Braided armouring	Armour, min.	0.1 mm
Armour, max.	1.6 mm	Size of protective cap	EL38
O-Ring	Silicone	Seal insert	Silicone
Sealing	NBR	Installation guidelines	See assembly instructions

**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		

**Approvals**

Approvals



Approvals	EAC; ATEX; IECEX
ROHS	Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity - Klippon KDSU cable Gland - DoC DE PS2680 160315 001ISS01</a>
Brochure/Catalogue	<a href="#">MB OVERV. PROCESS WD DE</a> <a href="#">MB PROCESS EN</a> <a href="#">CAT 5 ENCL 17/18 EN</a> <a href="#">PI KLIPPON CABLE GL EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Notice to Installers</a> <a href="#">Assembly guidelines</a>

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