KDSU M75 BN O SC 2 G75S

Weidmüller ⋺⋲

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 75, 19 mm, Single-wire armouring, Metal foil armouring, Braided armouring, 0.1 - 2.5 mm, OD min. 64.8 - OD max. 72.2 mm, ID min. 52.10 - ID max. 62.00 mm, IP66, IP68 - 2.5 bar, Brass
Order No.	1076230000
Type	KDSU M75 BN O SC 2 G75S
GTIN (EAN)	4032248836192
Qty.	1 items
Delivery status	Discontinued
Available until	2023-07-30T00:00:00+02:00

KDSU M75 BN O SC 2 G75S

Technical data

Approvals

Approvals	IECEXSIR; SIRAATEX
Approvals	EAC; ATEX; IECEX
Approvals	

ROHS	Conform

Dimensions and weights

Height	131 mm	Height (inches)	5.1575 inch
Length	131 mm	Length (inches)	5.1575 inch
Net weight	1980 g		

Temperatures

Operating temperature	-35 °C...90 °C

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 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	Certificate no. cable gland (IECEx)	IECEx CML 19.0109X
Certificate No. (IECEX)	IECEXSIR05.0067X	Certificate No. (ATEX)	SIRA05ATEX1285X
Approval conditions	ATEX, IECEX		

General information

Outer cable diameter, max.	72.2 mm	Outer cable diameter, min.	64.8 mm
Inner cable diameter, max.	62.00 mm	Inner cable diameter, min.	52.10 mm
O-Ring	NBR	Protection degree with GWDR	IP66, IP68 - 2.5 bar
Armour, max.	2.5 mm	Armour, min.	0.1 mm
Operating temperature range, max.	90 °C	Operating temperature range, min.	-35 °C
Pitch of thread	1.5 mm	Halogen	Yes
AF size 1	90 mm	AF size 2	90 mm
Protection degree	IP66, IP68 - 2.5 bar	Cable gland	metric, brass
Basic material	Brass	Seal insert	CR
Sealing	CR	External thread	M 75
Length of thread	19 mm	Water depth	25 m (30 Min.)
Type of armouring, short term	SWA, STA, SWB	Type of armouring	Single-wire armouring, Metal foil armouring, Braided armouring
Installation guidelines	See assembly instructions	Size of protective cap	EL90

KDSU M75 BN O SC 2 G75S

Technical data

Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	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	ECLASS 14.0	27-14-08-04
ECLASS 15.0	27-14-08-04		

KDSU M75 BN O SC 2 G75S

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 M75 MS SC	Version	
Order No.	0930640008	SKMU MS (brass locknut), Locknut, M 75, 7 mm, Brass	
GTIN (EAN)	4032248976126		
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/M75 SC	Version	
Order No.	0930710008	EA (earthing rings), Earthing ring, Miscellaneous, M 75, Brass	
GTIN (EAN)	4032248976232		
Qty.	10 ST		

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.	1076740000	KSWF (flat gasket - vulcanised fibre), Sealing ring, M 75, Vulcanized	
GTIN (EAN)	4032248838660	fibre	
Qty.	25 ST		

Creation date 30.11.2025 05:35:42 MEZ

KDSU M75 BN O SC 2 G75S

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.	1076670000	KSWN (flat gasket - nylon), Sealing ring, M 75, Nylon 6	
GTIN (EAN)	4032248838714		
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 EL90	Version	
Order No.	1076790000	KSP (Klippon shroud), Protective cap, PVC	
GTIN (EAN)	4032248838608		
Qty.	10 ST		