

KDSW M63 BS O NI 2 G63S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

The KDSW features a special ring in the shape of a truncated cone. The ring enables connections between cable and lines with single-wire armouring and lead-sheath armouring. This ensure a conductive connection between the cable and the cable gland. In addition, the KDSW comes with two 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. When both sealing materials are used, it is possible to achieve IP66 or IP67 protection. The KDSW is permitted for use with pressure-resistant Ex d encapsulations and increased safety Ex e.

General ordering data

Version	KDSW (Klippon double seal SWA Ex cable gland), Cable glands, straight, M 63, 19 mm, Single-wire armouring, 2.5 - OD min. 52.1 - OD max. 59.5 mm, ID min. 42.50 - ID max. 50.10 mm, IP66, IP68 - 2.5 bar, Brass, nickel-plated
Order No.	1136590000
Type	KDSW M63 BS O NI 2 G63S
GTIN (EAN)	4032248968947
Qty.	1 items
Delivery status	Discontinued
Available until	2023-07-30T00:00:00+02:00
Alternative product	E1W/63S/M63-WM

KDSW M63 BS O NI 2 G63S

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals IECEXSIR; SIRAATEX

Approvals EAC; ATEX; IECEX

Approvals



ROHS Conform

Dimensions and weights

Height	76 mm	Height (inches)	2.9921 inch
Length	76 mm	Length (inches)	2.9921 inch
Net weight	1410 g		

Temperatures

Operating temperature -60 °C...180 °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)	SIRA05ATEX1286X
Approval conditions	ATEX, IECEX		

General information

Outer cable diameter, max.	59.5 mm	Outer cable diameter, min.	52.1 mm
Inner cable diameter, max.	50.10 mm	Inner cable diameter, min.	42.50 mm
Protection degree with GWDR	IP66, IP68 - 2.5 bar	Armour, min.	2.5 mm
Operating temperature range, max.	180 °C	Operating temperature range, min.	-60 °C
Pitch of thread	1.5 mm	Halogen	No
AF size 1	80 mm	AF size 2	80 mm
Protection degree	IP54	Cable gland	metric, nickel-plated brass
Basic material	Brass, nickel-plated	Seal insert	Silicone
Sealing	Silicone	External thread	M 63
Length of thread	19 mm	Water depth	25 m (30 Min.)
Type of armouring, short term	SWA	Type of armouring	Single-wire armouring
Installation guidelines	See assembly instructions	Size of protective cap	L80

Classifications

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

KDSW M63 BS O NI 2 G63S

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

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 M63 MS	Version
Order No.	1737050000	SKMU MS (brass locknut), Locknut, M 63, 6 mm, Brass, nickel-plated
GTIN (EAN)	4008190956523	
Qty.	25 ST	

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 M63	Version
Order No.	1736360000	SZS (serrated washer), Retaining toothed washers, M 63, Stainless steel 1.4404 (316L)
GTIN (EAN)	4008190963569	
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/M 63	Version
Order No.	1736540000	EA (earthing rings), Earthing ring, Miscellaneous, M 63, Brass, nickel-plated
GTIN (EAN)	4008190963651	
Qty.	10 ST	

KDSW M63 BS O NI 2 G63S

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

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 M63	Version
Order No.	1076660000	KSWN (flat gasket - nylon), Sealing ring, M 63, Nylon 6
GTIN (EAN)	4032248838707	
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 L80	Version
Order No.	1736630000	KSP (Klippon shroud), Protective cap, PVC
GTIN (EAN)	4008190956295	
Qty.	10 ST	
Type	KSP L80 S	Version
Order No.	0930700007	KSP (Klippon shroud), Protective cap, Silicone
GTIN (EAN)	4032248976027	
Qty.	10 ST	