

KDSW M20 BS O NI 1 G20S

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

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 armoring and lead-sheath armoring. This ensures 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 armoring 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 $+90^{\circ}\text{C}$. When using a silicone seal, a temperature range of -60°C to $+180^{\circ}\text{C}$ 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 20, 16 mm, Single-wire armoring, 0.9 - 1.25 mm, OD min. 9.4 - OD max. 12.5 mm, ID min. 8.00 - ID max. 11.70 mm, IP66, IP68 - 2.5 bar, Brass, nickel-plated
Order No.	1136430000
Type	KDSW M20 BS O NI 1 G20S
GTIN (EAN)	4032248969081
Qty.	20 pc(s).

KDSW M20 BS O NI 1 G20S

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Technical data

Dimensions and weights

Length	58 mm	Length (inches)	2.283 inch
Net weight	130 g		

Temperatures

Operating temperature	-60 °C... 180 °C
-----------------------	------------------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1	SCIP	3394d55b-7892-488f-8603- ea218c1d0691
------------	----------------	------	--

Certificate numbers cable gland

Approval conditions	ATEX, IECEx, EAC	Certificate No. (ATEX)	SIRA05ATEX1286X
Certificate No. (IECEX)	IECEXSIR05.0067X	Certificate no. cable gland (EAC)	RU C-DE.HA65.B.00568 20
Certificate no. cable gland (IECEX)	IECEX CML 19.0109X	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	30 mm	Armour, max.	1.25 mm
Armour, min.	0.9 mm	Cable glands	metric, nickel-plated brass
External thread	M 20	Halogen	No
Inner cable diameter, max.	11.7 mm	Inner cable diameter, min.	8 mm
Installation guidelines	See assembly instructions	Length of thread	16 mm
Material	Brass, nickel-plated	Operating temperature range, max.	180 °C
Operating temperature range, min.	-60 °C	Outer cable diameter, max.	12,5 mm
Outer cable diameter, min.	9.4 mm	Pitch of thread	1.5 mm
Protection degree	IP54	Protection degree with GWDR	IP66, IP68 - 2.5 bar
Seal insert	Silicone	Sealing	Silicone
Size of protective cap	L24	Type of armouring	Single-wire armouring
Type of armouring, short term	SWA	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

Approvals

Approvals



Approvals EAC; ATEX; IECEX

ROHS Conform

KDSW M20 BS O NI 1 G20S

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

Technical data

info@weidmueller.com

www.weidmueller.com

Downloads

Approval/Certificate/Document of
Conformity

[IECEXSIR05.0067X](#)

[SIRA05ATEX1286X](#)

[RU C-DE.HA65.B.00568 20](#)

[EU Declaration of Conformity - Klippon KDSW cable Gland - DoC DE PS2680 160315 002ISS03](#)

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](#)