Data sheet

KSG M20 BS O SC 2 G20

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

www.weidmueller.com

Similar to illustration



The KSG is only intended for use when connecting non-armoured cables and lines. 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. IP66 or IP68 protection at a depth of 25 metres under water (a pressure of 2.5 bar) is guaranteed when using this sealing material. The KSG is permitted for use with pressure-resistant Ex d encapsulations and increased safety Ex e.

General ordering data

Version	KSG (Klippon standard Ex cable gland), Cable glands, straight, M 20, 16 mm, OD min. 9.6 - OD max. 14 mm, ID min. 9.40 - ID max. 14.00 mm, IP66, IP68 - 2.5 bar, Brass
Order No.	0930501212
Type	KSG M20 BS O SC 2 G20
GTIN (EAN)	4032248918089
Qty.	20 items
Delivery status	Discontinued
Available until	2023-07-30T00:00:00+02:00
Alternative product	A2L/20/M20-WM

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Technical data

Approvals

Approvals	IECEXSIR; SIRAATEX
Approvals	EAC; ATEX; IECEX
Approvals	
ROHS	Conform

Dimensions and weights

Height	33 mm	Height (inches)	1.2992 inch
Length	33 mm	Length (inches)	1.2992 inch
Net weight	140.95 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

Certificate numbers cable gland

Identification	ATEX: II 2GD, Ex db IIC Gb, Ex ta IIIC Da and/or II 2 GD, Ex eb IIC Gb, 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)	SIRA05ATEX1287X
Approval conditions	ATEX, IECEX		

General information

Outer cable diameter, max.	14 mm	Outer cable diameter, min.	9.6 mm
Inner cable diameter, max.	14.00 mm	Inner cable diameter, min.	9.40 mm
O-Ring	Silicone	Protection degree with GWDR	IP66, IP68 - 2.5 bar
Operating temperature range, max.	180 °C	Operating temperature range, min.	-60 °C
Pitch of thread	1.5 mm	Halogen	No
AF size 1	30 mm	AF size 2	30 mm
Protection degree	IP66, IP68 - 2.5 bar	Cable gland	metric, brass
Basic material	Brass	Seal insert	Silicone
Sealing	Silicone	External thread	M 20
Length of thread	16 mm	Water depth	25 m (30 Min.)
Explosion protection type	Pressure-resistant Ex d encapsulation, Improved safety Ex e	Installation guidelines	See assembly instructions
Size of protective cap	L30		

Classifications

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

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Technical data

ECLASS 15.0	27-14-08-04

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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 M20 MS SC	Version
Order No.	0930640002	SKMU MS (brass locknut), Locknut, M 20, 4 mm, Brass
GTIN (EAN)	4032248849826	
Qty.	50 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 M20	Version
Order No.	1736310000	SZS (serrated washer), Retaining toothed washers, M 20, Stainless
GTIN (EAN)	4008190963514	steel 1.4404 (316L)
Qty.	10 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/M20 SC	Version
Order No.	0930710002	EA (earthing rings), Earthing ring, Miscellaneous, M 20, Brass
GTIN (EAN)	4032248849819	
Qty.	20 ST	

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Accessories

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 M20	Version
Order No.	0899750000	KSWF (flat gasket - vulcanised fibre), Sealing ring, M 20, Vulcanized
GTIN (EAN)	4032248850174	fibre
Qty.	25 ST	

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 M20	Version
Order No.	0930730002	KSWN (flat gasket - nylon), Sealing ring, M 20, Nylon 6
GTIN (EAN)	4032248849802	
Qty.	25 ST	