

Cable glands
KSG M20 BS O SC 2 G20

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



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 -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. 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

Type	KSG M20 BS O SC 2 G20
Order No.	0930501212
Version	cable glands, Brass, External thread: M 20
GTIN (EAN)	4032248918089
Qty.	20 pc(s).

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Technische Daten

Dimensions and weights

Length	33 mm	Net weight	143.75 g
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Approvals

Approval for cable gland	ATEX II 2 GD, Ex d IIC / Ex e II / Ex tD A21 IP68, IECEX Ex d IIC / Ex e II
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General information

AF size 1	30 mm	Cable gland	metric, brass
Clamping range, max.	14 mm	Clamping range, min.	9.6 mm
Explosion protection type	Pressure-resistant Ex d encapsulation, Improved safety Ex e	External thread	M 20
Installation guidelines	See assembly instructions	Length of thread	16 mm
Material	Brass	O-Ring	Silicone
Operating temperature range, max.	180 °C	Operating temperature range, min.	-60 °C
Pitch of thread	1.5	Protection degree with GWDR	IP 66, IP 68 - 2.5 bar
Seal insert	Silicone	Sealing	Silicone
Size of protective cap	L30	Water depth	25 m (30 Min.)

Classifications

eClass 6.2	27-14-91-09	eClass 7.1	27-14-91-09
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Test certificates

Certificate No. (ATEX)	SIRA05ATEX1287X	Certificate No. (IECEX)	IECEXSIR05.0067X
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Product information

Descriptive text ordering data	<p><0x2022> <0x0007>All cable glands have a thread pitch of 1.5 mm.</p> <p><0x2022> <0x0007>In the case of Ex d applications, the inner threads used for cable glands must meet the requirements of section 5.3 of EN/IEC 60079-1. In the screwed in position, at least 5 threads must be engaged.</p> <p><0x2022> <0x0007>If the cable glands are installed in non-metallic Ex e connection equipment, these must be connected to the protective earth of the system.</p> <p><0x2022> <0x0007>The connection cable must be laid securely and inflexibly to rule out tensile stress.</p>
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Approvals

Approvals

GOSTEX IEC EX ATEX

ROHS	Conform
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