

Cable glands KDSX M20 BS O SC 2 G16

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The KDSX features a special ring in the shape of a truncated cone. The braided armouring on the ring makes a connection between the cables and lines possible. The armour ensures a conductive connection between the cable and the cable gland. In addition, the KDSX 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. The cable gland is equipped with a silicone seal for temperatures ranging from -60°C to +180°C. This sealing material allows you to achieve IP66 or IP67 protection. The KDSX is permitted for use with pressure-resistant Ex d encapsulations and increased safety Ex e.

General ordering data

Type	KDSX M20 BS O SC 2 G16
Order No.	1135660000
Version	cable glands, Brass, External thread: M 20
GTIN (EAN)	4032248921881
Qty.	20 pc(s).

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Technische Daten

Dimensions and weights

Length	58 mm	Net weight	144 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	24 mm	Armour, max.	0.35 mm
Armour, min.	0.15 mm	Cable gland	metric, brass
Explosion protection type	Improved safety Ex e, Pressure-resistant Ex d encapsulation	External thread	M 20
Inner cable diameter, max.	8.4 mm	Inner cable diameter, min.	4 mm
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
Outer cable diameter, max.	13.5 mm	Outer cable diameter, min.	8.4 mm
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	L24	Type of armouring	Braided armouring
Water depth	25 m (30 Min.)		

Classifications

ETIM 3.0	EC000441	eClass 6.2	27-14-91-11
eClass 7.1	27-14-91-11		

Test certificates

Certificate No. (ATEX)	SIRA05ATEX1286X	Certificate No. (IECEX)	IECEXSIR05.0067X
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Product information

Descriptive text ordering data	<0x2022> <0x0007>All cable glands have a thread pitch of 1.5 mm. <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. <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. <0x2022> <0x0007>The connection cable must be laid securely and inflexibly to rule out tensile stress.
Descriptive text technical data	IP protection without GWDR is IP 54. To achieve IP 66/68 protection, a nylon GWDR must be ordered separately.

Approvals

Approvals

GOSTEX IEC EX ATEX

ROHS	Conform
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