

## Cable glands KDSW M20 BN L SC 1 G16

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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 -20°C to +85°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

Type	KDSW M20 BN L SC 1 G16
Order No.	<a href="#">1076250000</a>
Version	cable glands, Brass, External thread: M 20
GTIN (EAN)	4032248839704
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, min.	0.9 mm
Cable gland	metric, brass	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	NBR
Operating temperature range, max.	85 °C	Operating temperature range, min.	-20 °C
Outer cable diameter, max.	10 mm	Outer cable diameter, min.	4.9 mm
Pitch of thread	1.5	Protection degree with GWDR	IP 66, IP 68 - 2.5 bar
Seal insert	CR	Sealing	CR
Size of protective cap	L24	Type of armouring	Single-wire armouring, Lead sheath 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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### Downloads

PDF	<a href="#">Notice to Installers</a>
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Erstellungs-Datum December 17, 2013 9:59:13 AM CET

Katalogstand xx.xx.xxxx / Technische Änderungen vorbehalten