

KDSX M25 BS O SC 2 G25

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration



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

| | |
|------------|--|
| Version | KDSX (Klippon double sealing SWB/STA Ex cable gland), Cable glands, straight, M 25, 16 mm, Braided armouring, 0.15 - 0.5 mm, OD min. 20.3 - OD max. 27.4 mm, ID min. 13.00 - ID max. 20.00 mm, IP66, IP68 - 2.5 bar, Brass |
| Order No. | 1135730000 |
| Type | KDSX M25 BS O SC 2 G25 |
| GTIN (EAN) | 4032248968411 |
| Qty. | 20 pc(s). |

Creation date February 1, 2023 3:12:22 PM CET

Catalogue status 24.01.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|-------|-----------------|------------|
| Length | 58 mm | Length (inches) | 2.283 inch |
| Net weight | 262 g | | |

Temperatures

| | | | |
|-----------------------------|-----------------|-----------------------------|--------|
| Operating temperature | -60 °C...180 °C | Operating temperature, min. | -60 °C |
| Operating temperature, max. | 180 °C | | |

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 | 38 mm | Armour, max. | 0.5 mm |
| Armour, min. | 0.15 mm | Cable glands | metric, brass |
| Explosion protection type | Improved safety Ex e, Pressure-resistant Ex d encapsulation | External thread | M 25 |
| Halogen | No | Inner cable diameter, max. | 20 mm |
| Inner cable diameter, min. | 13 mm | Installation guidelines | See assembly instructions |
| Length of thread | 16 mm | Material | Brass |
| Operating temperature range, max. | 180 °C | Operating temperature range, min. | -60 °C |
| Outer cable diameter, max. | 27.4 mm | Outer cable diameter, min. | 20.3 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 | L38 |
| Type of armouring | Braided armouring | Type of armouring, short term | SWB |
| 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 |

Environmental Product Compliance

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

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Technical data

Approvals

Approvals



| | |
|-----------|------------------|
| Approvals | EAC; ATEX; IECEX |
| ROHS | Conform |

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | IECEXSIR05.0067X SIRA05ATEX1286X RU C-DE.HA65.B.00568 20 EU Declaration of Conformity - Klippon KDSX cable Gland - DoC DE PS2680 160315 003ISS03 |
| Engineering Data | CAD data – STEP |
| Engineering Data | 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 |