



Technical Data

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| Connection technology | CAGE CLAMP® |
| Conductor range | 0.08 ... 2.5 mm ² / 28 ... 14 AWG |
| Strip length | 8 ... 9 mm / 0.33 inch |
| Dimensions W x H x D | 24 x 67.8 x 100 mm |
| Weight | 95.6 g |
| Ambient temperature (operation) | 0 ... 55 °C |
| Ambient temperature (storage) | -40 ... +85 °C |
| Relative humidity (without condensation) | 95 % |
| Operating altitude | 0 ... 2000 m |
| Vibration resistance | 4g per IEC 60068-2-6 |
| Shock resistance | 15g per IEC 60068-2-27 |
| EMC immunity to interference | Per EN 61000-6-2 (marine applications) |
| EMC emission of interference | Per EN 61000-6-3 (marine applications) |

Explosion protection

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| Safety-relevant data (circuit) | $U_o = 11.76 \text{ V}$; $I_o = 12.4 \text{ mA}$; $P_o = 36.67 \text{ mW}$; Linear characteristic curve |
| Reactances Ex ia IIC | $L_o = 100 \text{ mH}$; $C_o = 1 \mu\text{F}$ |
| Reactances Ex ia IIB | $L_o = 100 \text{ mH}$; $C_o = 9.9 \mu\text{F}$ |
| Reactances Ex ia IIA | $L_o = 100 \text{ mH}$; $C_o = 39 \mu\text{F}$ |
| Reactances Ex ia I | $L_o = 100 \text{ mH}$; $C_o = 30 \mu\text{F}$ |
| Reactances | Reactances without accounting for the concurrence of capacitance (C_o) and inductance (L_o); For reactances that take into account the concurrence of C_o and L_o , see manual |

Guidelines and Approvals

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| Conformity marking | CE |
| Ex guideline | EN/IEC 60079-0, -7, -11 |
| Marine applications | ABS, DNV GL, LR, PRS, RINA |
| Ⓢ E175199 Ordinary Locations | |
| Ⓢ TÜV 12 ATEX 106032 X | I (M1) [Ex ia Ma] I, II 3 (1) G Ex ec [ia Ga] IIC T4 Gc, II (1) D [Ex ia Da] IIIC |
| IEC IECEx IECEx TUN 12.0039 X | [Ex ia Ma] I Ex ec [ia Ga] IIC T4 Gc, [Ex ia Da] IIIC |
| TÜV 14.1911 X | Ex d [ia Ma] I Mb, Ex nA [ia Ga] IIC T4 Gc, Ex tc [ia Da] IIIC T135 °C Dc |
| Ⓢ UL E480271 Hazardous Locations (Zone classified) | Cl I Zn 2 AEx nA [ia Ga] IIC T4 Gc Cl I Zn 2 AEx nA [ia IIIC] IIC T4 Gc Ex nA [ia Ga] IIC T4 Gc X Ex nA [ia IIIC] IIC T4 Gc X |
| Ⓢ UL E198726 Hazardous Locations (Division classified) | Class I, Div. 2, Group A B C D, T4 |