



Technical Data	
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	
Safety-relevant data (circuit)	U _o = 11.76 V; I _o = 12.4 mA; P _o = 36.67 mW; Linear characteristic curve
Reactances Ex ia IIC	L _o = 100 mH; C _o = 1 µF
Reactances Ex ia IIB	L _o = 100 mH; C _o = 9.9 µF
Reactances Ex ia IIA	L _o = 100 mH; C _o = 39 µF
Reactances Ex ia I	L _o = 100 mH; C _o = 30 µF
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	
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



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