

Device coupler - FB-DIAG/FF/NC - 2316297

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Field diagnostic module, includes TBUS connector



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 783231

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	17.7 mm
Height	85 mm
Depth	70.4 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Degree of protection	IP20

General

Standards/regulations	IEC 60529, IEC 61158-2
Mounting position	Any orientation on DIN rail, NS 35, in acc. with EN 60715
Net weight	97.1 g
Color	green
Conformance	IEC 61158-2
Fieldbus Foundation	FF-830

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Power supply

Supply voltage range	9 V DC ... 32 V DC
Max. current consumption	29 mA
Typical current consumption	27 mA

Serial interface

Interface 1	FOUNDATION Fieldbus
Connection method	TBUS
Output nominal voltage	≤ 32 V
Output current	29 mA
Maximum output current	29 mA

Safety data

ATEX	Sira 13ATEX4148X; # II 3G Ex nA IIC T4 Gc
IECEX	IECEX SIR 13.0059X; Ex nA IIC T4 Gc
CSA, USA/Canada	Class I, Div. 2, Groups A,B,C,D; Ex nA IIC T4_Gc Class I, Zone 2, AEx nA IIC T4_Gc

Standards and Regulations

Type of test	Shock in acc. with EN 60068-2-27/IEC 60068-2-27
Test result	30g, 11 ms half-sine shock pulse
Type of test	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6
Test result	5g, 10-150 Hz
Standards/regulations	IEC 60529, IEC 61158-2
Flammability rating according to UL 94	V0
Conformance	IEC 61158-2
Fieldbus Foundation	FF-830
ATEX	Sira 13ATEX4148X; # II 3G Ex nA IIC T4 Gc
IECEX	IECEX SIR 13.0059X; Ex nA IIC T4 Gc
CSA, USA/Canada	Class I, Div. 2, Groups A,B,C,D; Ex nA IIC T4_Gc Class I, Zone 2, AEx nA IIC T4_Gc

Classifications

eCl@ss

eCl@ss 4.0	27250203
eCl@ss 4.1	27250203
eCl@ss 5.0	27250203
eCl@ss 5.1	27259205
eCl@ss 6.0	27242610
eCl@ss 7.0	27242610
eCl@ss 8.0	27180101

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Classifications

ETIM

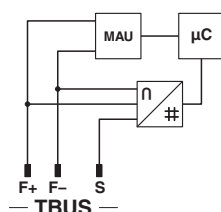
ETIM 3.0	EC001600
ETIM 4.0	EC000261
ETIM 5.0	EC000261

UNSPSC

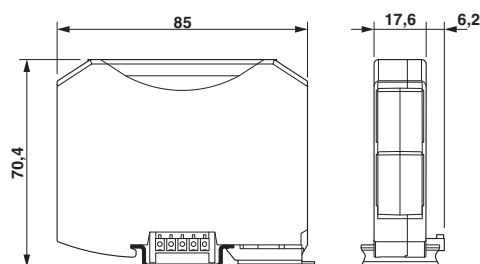
UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	43201553

Drawings

Block diagram



Dimensional drawing



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