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AS-i gateway - FLX ASI MA PB SF - 2773597

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AS Interface (AS-i) Gateway for PROFIBUS DP with standard function, IP20 degree of protection, as per AS-i specification 3.0

Product description

The Fieldline Extension AS-Interface gateway for PROFIBUS DP FLX ASI MA PB SF enables the simple integration of an AS-Interface network in a PROFIBUS DP system. The device has a rugged, high-grade steel housing with the IP20 degree of protection, and is intended for use in the control cabinet.

The gateway enables the operation of AS-Interface slaves with expanded addressing and is specified according to the AS-Interface specification 3.0. The downward compatibility with AS-i slaves of older specifications is also given.

The connected AS-i slaves can be easily addressed through the AS-Interface gateway using the "Mode" and "Set" keys as well as a 7-segment display.

Product Features

☑ For one or two AS-Interface networks

☑ Stainless steel housing

☑ AS-Interface specification 3.0

☑ IP20 protection

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	280.0 GRM
Custom tariff number	90328900
Country of origin	Germany

Technical data

Note

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

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Technical data

Dimensions

Width	45 mm
Height	120 mm
Depth	44 mm

Ambient conditions

Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Degree of protection	IP20

Interfaces

Interface	PROFIBUS DP remote bus
Connection method	1x D-SUB-9 connector

Power supply

Typical current consumption	approx. 200 mA (from the AS-i network)

Operating elements

Keys	2 buttons (Mode/Set) for configuring the AS-i network
Number of AS-i slaves	62
Local diagnostics	Addresses, error messages 7-segment display
	power Operating voltage, electronics module (UL) Green LED
	U AS-i Operating voltage AS-i (U ASI) Green LED
	AS-i active AS-i transmission (ASI ACTIVE) Green LED
	prg enable Programming mode active, automatic slave programming possible Green LED
	prj mode Configuration mode active (PRJ Enable) Yellow LED
	fault AS-i configure error (CONFIG ERR) LED red
	PROFIBUS Device/network status Green LED

General

Weight	300 g

Classifications

eCl@ss

eCl@ss 4.0	27240490
eCl@ss 4.1	27240490
eCl@ss 5.0	27242208
eCl@ss 5.1	27242608
eCl@ss 6.0	27242608

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Classifications

eCl@ss

eCl@ss 7.0	27242608
eCl@ss 8.0	27242608

ETIM

ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC001604

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals

UL Listed / cUL Listed / ASI-Interface / cULus Listed

Ex Approvals

Approvals submitted

Approval details

UL Listed

cUL Listed

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Approvals

ASI-Interface

cULus Listed ᶜ(UL)ᵤₛ

Drawings

Dimensioned drawing

45   44,33

120