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Multiplexer - FB-MUX/HS/AI/PA - 1005331

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The FB-MUX/HS/AI/PA head station can be used with up to five 4-channel analog input modules (RAD-AI4-IFS), five 4-channel PT100 temperature sensing modules (PT100-4-IFS), or any combination of modules for a maximum of 20 channels. This configuration can be used as an analog input and temperature control solution.

Product Description

The fieldbus PA multiplexer headstation allows the integration of standard Radioline I/O modules to a Profibus PA network. The FB-MUX/HS/PA has five profile software versions for different IO configurations.

Your advantages

☑ No software needed thanks to a pre-configured head station

☑ Connection of all I/O field signals with standard PROFIBUS PA cable

☑ Easy integration into host system with an EDD-, GSD-, or DTM-data file

☑ Five application-specific head stations allow simple implementation in the field

☑ Scalable according to application needs

☑ UL listed

☑ Suitable for ATEX zone 2

☑ IECEx CoC

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 475776
GTIN	4055626475776
Weight per Piece (excluding packing)	140.000 g
Custom tariff number	85176200
Country of origin	United States

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Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
	Use in potentially explosive areas is not permitted in China.

Dimensions

Width	17.5 mm
Height	114.5 mm
Depth	99 mm

Ambient conditions

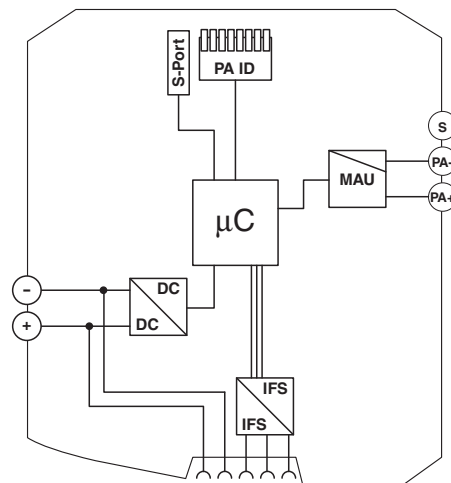| Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Maximum altitude	< 2000 m
Permissible humidity (operation)	20 % ... 95 % (non-condensing)

Power supply

General

Degree of pollution	2
Overvoltage category	II
Housing material	PA 6.6-FR
Color	green

Drawings

Block diagram

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Classifications

eCl@ss

eCl@ss 10.0.1	19179290
eCl@ss 11.0	19179090
eCl@ss 5.1	19179290
eCl@ss 6.0	19179200
eCl@ss 7.0	19179290
eCl@ss 9.0	19179290

ETIM

ETIM 6.0	EC000310
ETIM 7.0	EC000310

UNSPSC

UNSPSC 13.2	43222604
UNSPSC 18.0	43222604
UNSPSC 19.0	43222604
UNSPSC 20.0	43222604
UNSPSC 21.0	43222604

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

IECEx / UL Listed / cUL Listed / ATEX / cULus Listed

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705

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Approvals

cULus Listed	