

FB-MUX/HS/DAIO/PA - Multiplexer



1005329

<https://www.phoenixcontact.com/us/products/1005329>

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The FB-MUX/HS/DAIO/PA head station can be used with up to three, 6-channel Digital-Analog-Input-Output modules (RAD-DAIO6-IFS). This configuration can be used as a combination digital and analog I/O 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

- 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
- Scalable according to application needs
- UL listed
- Five application-specific head stations allow simple implementation in the field
- Suitable for ATEX Zone 2
- No software needed thanks to a pre-configured head station
- IECEx CoC

Commercial data

Item number	1005329
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	DN11
Product key	DNC135
GTIN	4055626475028
Weight per piece (including packing)	182.4 g
Weight per piece (excluding packing)	182.4 g
Customs tariff number	85176200
Country of origin	US

Technical data

Notes

Utilization restriction

CCCex note	Use in potentially explosive areas is not permitted in China.
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Product properties

Product type	Interface converter
Insulation characteristics	
Overvoltage category	II
Degree of pollution	2

Connection data

Connection method	Screw connection
Stripping length	7 mm
Screw thread	M3
Conductor cross-section rigid	0.2 mm² ... 2.5 mm²
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 14
Tightening torque	0.5 Nm ... 0.6 Nm

Interfaces

Data: PROFIBUS PA

Number of connections	1
Connection method	Terminal block

Dimensions

Width	17.5 mm
Height	114.5 mm
Depth	99 mm

Material specifications

Color	green (RAL 6021)
Flammability rating according to UL 94	V0
Housing material	PA 6.6-FR

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	< 2000 m

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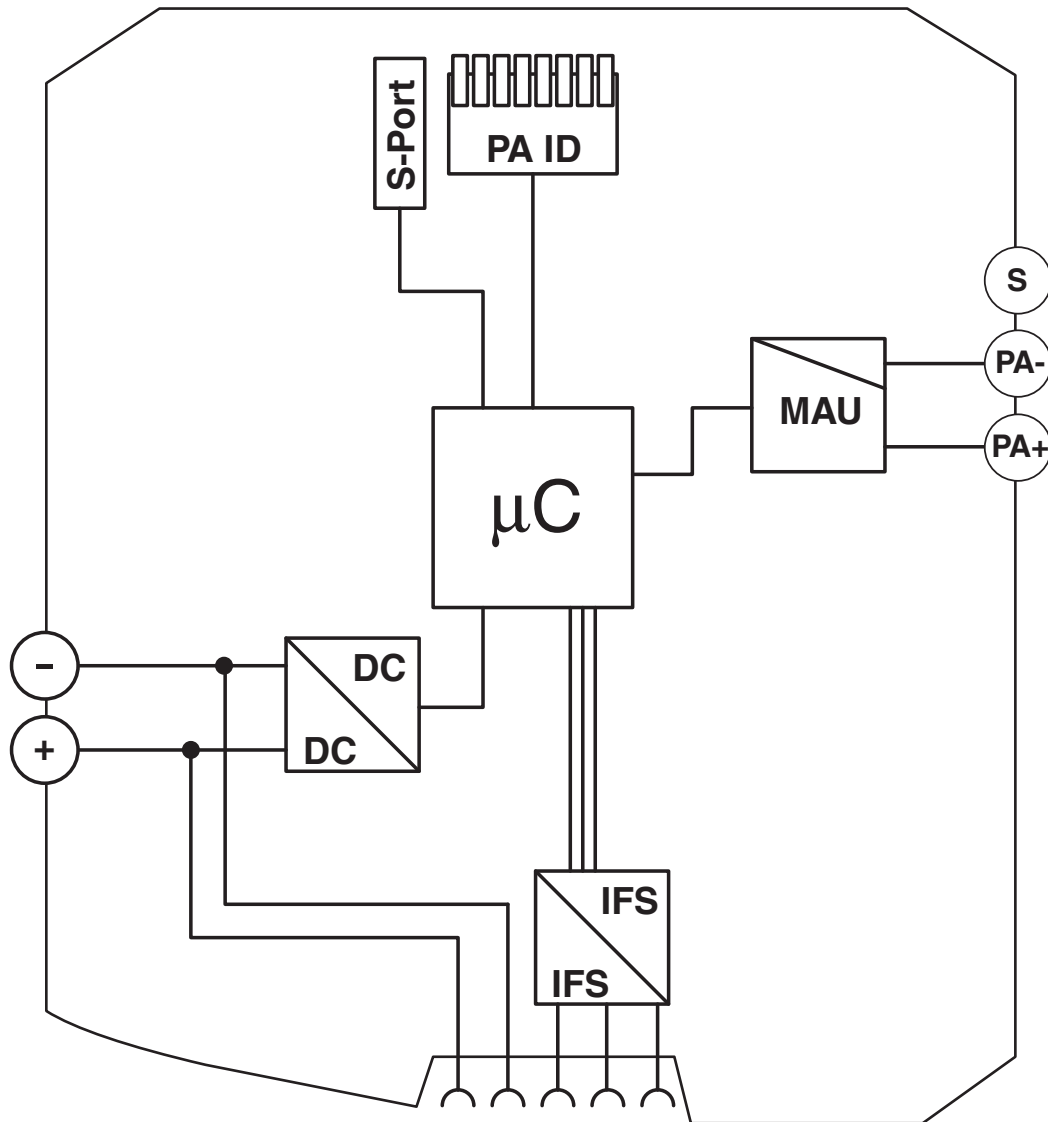
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Permissible humidity (operation)	20 % ... 95 % (non-condensing)
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Drawings

Block diagram



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Classifications

ECLASS

ECLASS-13.0	27242208
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ETIM

ETIM 8.0	EC002608
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UNSPSC

UNSPSC 21.0	43222600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	6f58960d-606b-425a-8107-73266d51f353