

# Power module Series AES

R412018267

AVENTICS  
Series AES  
Field bus  
modules

2023-08-31

## AVENTICS Series AES Field bus modules

The AVENTICS Series AES fieldbus connection can be integrated into all AVENTICS fieldbus-compatible valve systems or can also be configured as a stand-alone solution. AES connects your AVENTICS valve system to all relevant fieldbus protocols and offers the integration of I/O-modules and enables optimized decentralized wiring of sensors. The integration of the Digital Twin enables users to be IIoT ready and use the AES to solve their interoperability challenges.



## Technical data

Industry	Industrial
Version	Power module
E/A capable	connection with I/O
Power plug IN type	Plug
Power plug IN size	M12x1
Power plug IN number of pole	4-pin
Power supply direction UA	left
Min. ambient temperature	-10 °C
Max. ambient temperature	60 °C
Operational voltage electronics	24 V DC
Electronics voltage tolerance	-25% / +25%
Operating voltage, actuators	24 V DC
Actuator voltage tolerance	-10% / +10%
Total output for valves	4 A
Protection class	IP65
Total current of sensors max.	4 A
Logic/actuator voltage	Galvanically isolated
Diagnosis	Undervoltage
Generic emission standard in accordance with norm	EN 61000-6-4

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Generic immunity standard in accordance with norm EN 61000-6-2

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Weight 0.15 kg

## Material

Housing material Polyamide fiber-glass reinforced

Part No. R412018267

## Technical information

You will find assignment schemes for the product in the operating instructions, or contact the nearest AVENTICS sales office.

UL: Logic voltage (power supply for electronic components and sensors)

UA: Actuator voltage (power supply for valves and outputs)

The supply voltage is galvanically isolated from the right-hand module.

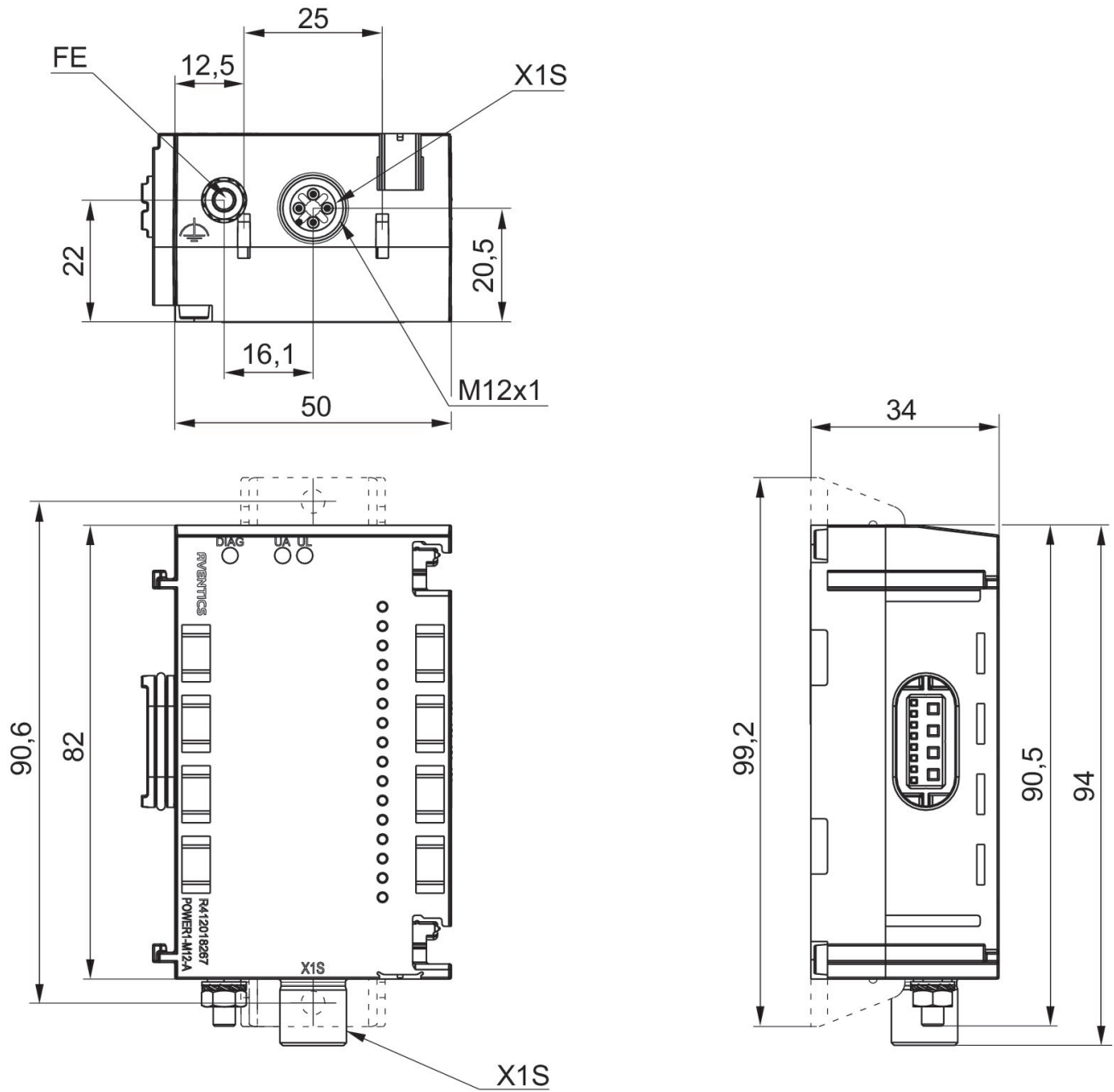
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## Dimensions



Port 1, X1S

# Power module Series AES

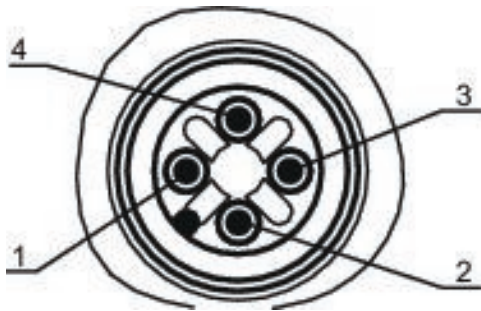
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## Pin assignments

PNP

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Pin	R412018267 (UA)	R412018267 (UL)
1	-	24 V DC power supply (UL) input
2	24 V DC power supply (UA) input	-
3	-	0 V DC (UL)
4	0 V DC (UA)	-