I/O modules, series AES

R412018254

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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	I/O modules
Type	24DO1DSUB25
E/A capable	connection with I/O
I/O module version	digital outputs
Number of I/O connections	24 outputs
Power plug IN type	Internal
Signal connection E/A type	Socket
Signal connection E/A thread size	D-Sub
Signal connection E/A number of poles	25-pin
Min. ambient temperature	-10 °C
Max. ambient temperature	60 °C
Operational voltage electronics	24 V DC
Electronics voltage tolerance	-25% / +25%
Max. current per channel	0.5 A
Protection class	IP65
Logic/actuator voltage	Galvanically isolated
Diagnosis	Short circuit Undervoltage

Generic emission standard in accordance with norm	EN 61000-6-4
Generic immunity standard in accordance with norm	EN 61000-6-2
Weight	0.115 kg

Material

Housing material	Polyamide fiber-glass reinforced
Part No.	R412018254

Technical information

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

Voltage and short-circuit monitoring per LED.

Delivery contents: incl. 2 spring clamp elements and seal

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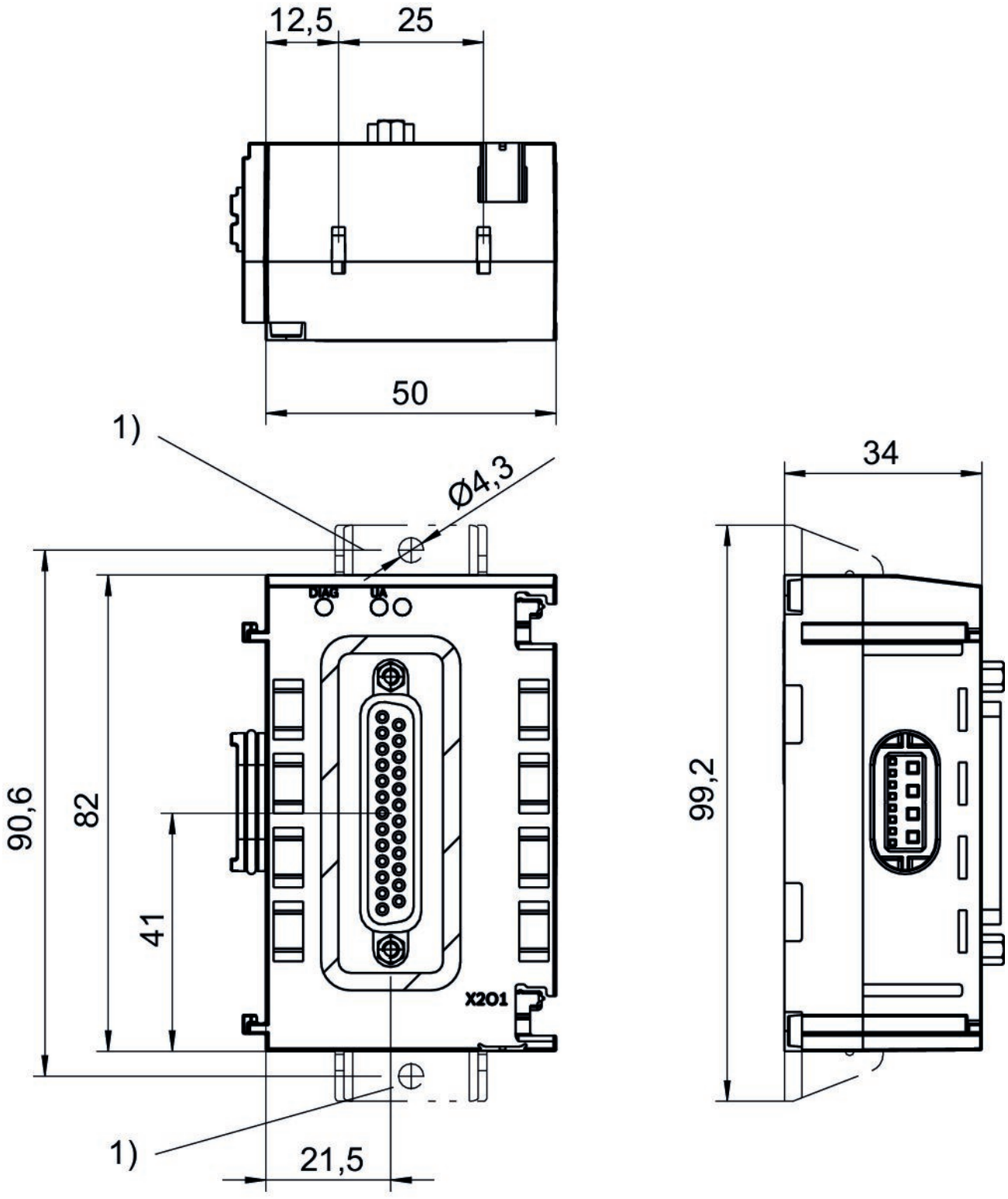
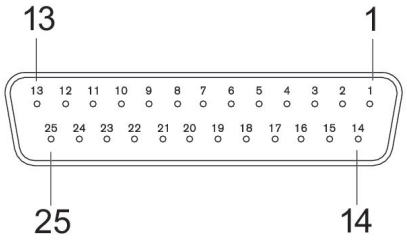
Dimensions



1) Retaining bracket (optional)

PIN assignment and cable colors
cable identification as per DIN 47100



Socket

Pin	Output module
1	[X]
2	[X+0.1]
3	[X+0.2]
4	[X+0.3]
5	[X+0.4]
6	[X+0.5]
7	[X+0.6]
8	[X+0.7]
9	[X+1]
10	[X+1.1]
11	[X+1.2]
12	[X+1.3]
13	[X+1.4]
14	[X+1.5]
15	[X+1.6]
16	[X+1.7]
17	[X+2.0]
18	[X+2.1]
19	[X+2.2]
20	[X+2.3]
21	[X+2.4]
22	[X+2.5]
23	[X+2.6]
24	[X+2.7]
25	0 V DC

X = bit value