

Series DDL

The AVENTICS Series DDL allows for a flexible fieldbus strategy and extended diagnostic functionality. Extended diagnostic functionality up to the pilot valve provides detailed information in case of an error. I/O-modules and E/P pressure regulators complete the product portfolio.



Technical data

Industry

Industrial

Note

Archive product: Do not use in new constructions!

Digital inputs

Digital outputs

Socket

Signal connection E/A type

Signal connection E/A thread size

M12

Certificates

ATEX

ATEX

ATEX

ATEX ID

II 3G Ex nA IIB T4 Gc X

Min. ambient temperature

5 °C

Max. ambient temperature

50 °C

Operational voltage electronics

24 V DC

Current consumption electronics

0.1 A

Power supply for actuators

1,6 A

Protection class

IP65

Max. output current per output

0.1 A

Max. total current of sensors

0,5 A

Max. cable length

40 m

Max. number of DDL participants

14

Number of inputs	8
Number of outputs	8
Communication port 1, Type	Plug (male)
Communication port , Thread size	M12
Communication port 1, Number of poles	5-pin
Communication port 2, Type	Socket (female)
Communication port 2, Thread size	M12
Communication port 2, Number of poles	5-pin
Electrical connection size	via communication connection plug
Weight	0.63 kg

Material

Housing material	Polyurethane
Part No.	R412006712

Technical information

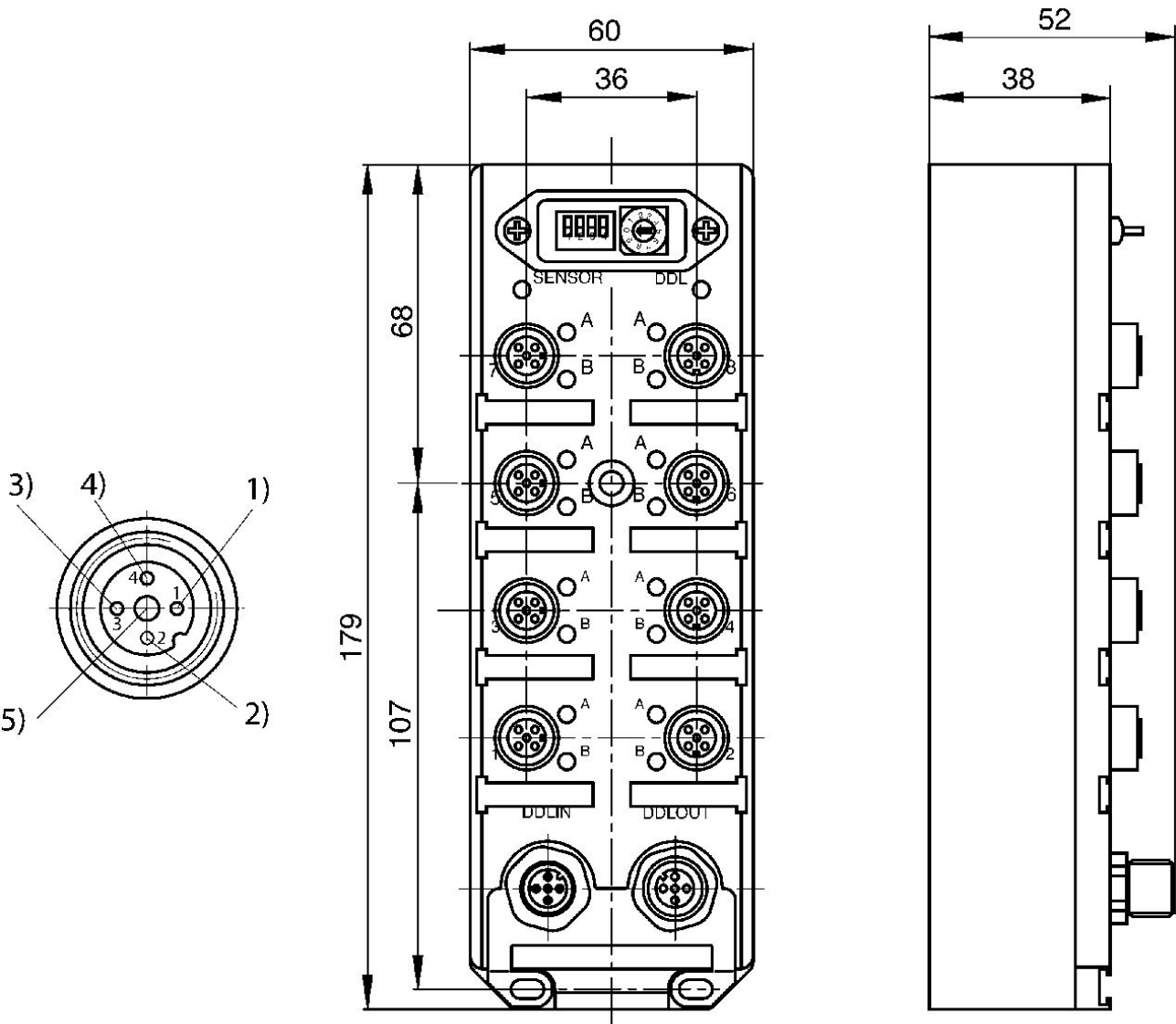
Max. current in 0 V line: 4 A

The sockets x5 to x8 may be used interchangeably for input or output.

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

Caution: A reduced temperature range in accordance with the operating instructions may need to be considered in ATEX applications.

Dimensions



1) 24 V 2) Input 2 3) 0 V 4) Input 1 5) PE