

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
Version	Driver
E/A capable	connection without I/O
Fieldbus design	B-design
Min. ambient temperature	0 °C
Max. ambient temperature	50 °C
Max. number of solenoid coils	32
Operational voltage electronics	24 V DC
Current consumption electronics	0.05 A
Operating voltage, actuators	24 V DC
Actuator voltage tolerance	-10% / +10%
Total output for valves	3 A
Protection class	IP65
Max. current consumption per coil	0.1 mA
Max. cable length	40 m
Max. number of DDL participants	14
Port valve system	Socket (female)
Port valve system	2.0 mm strip
Port valve system	2x13-pin

Communication port 1, Type	Plug (male)
Communication port , Thread size	M12
Communication port 1, Number of poles	5-pin
Communication port 1, Coding	A-coded
Communication port 2, Type	Socket (female)
Communication port 2, Thread size	M12
Communication port 2, Number of poles	5-pin
Communication port , Coding	A-coded
Electrical connection type	Plug (male)
Electrical connection size	M12
Electrical connection number of poles	4-pin
Electrical connection coding	A-coded
Weight	0.29 kg

Material

Housing material	Die-cast aluminum
Part No.	R412008541

Technical information

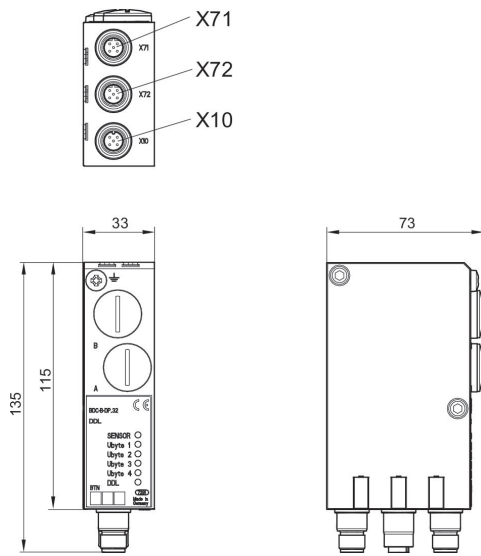
Max. current in 0 V line: 4 A

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.

Scope of delivery incl. 2 tie rod extensions and seal

Dimensions



X71 = Bus IN
X72 = Bus OUT
X10 = power supply