

Series DDL

- S-design
- Bus coupler with driver
- BNC plug connector
- Field bus protocol ControlNet



Version	Bus coupler with driver
Ambient temperature min./max.	5 ... 50 °C
Operational voltage electronics	24 V DC
Electronics voltage tolerance	-20% / +20%
Power consumption electronics	0,3 A
Operating voltage, actuators	24 V DC
Actuator voltage tolerance	0% / +10%
Total current for actuators	3 A
Protection class	IP65
Data transfer bit	128 bit
Number of solenoid coils max.	24
Max. power consumption per coil	0,2 mA
Max. cable length	40 m
Max. number of DDL participants	14
Number of inputs	1
Number of outputs	1
Port Valve system	Socket (female), D-Sub, 25-pin
I/O connection	Socket (female), M12, 5-pin
Weight	See table

The delivered product may vary from that in the illustration.

Technical data

Part No.	Field bus protocol	Port
		1
3375000560	ControlNet	BNC plug connector
R412000732	EtherNET/IP, MODBUS TCP, TCP/IP	Plug (male), M12, 5-pin, A-coded

Part No.	Port	power supply
	2	
3375000560	BNC plug connector	Plug (male), M12, 4-pin, A-coded
R412000732	Plug (male), M12x1, 5-pin	Plug (male), M12, 4-pin, A-coded

Part No.	I/O connection	Weight	Fig.	
3375000560	Socket (female), M12, 5-pin	0,51 kg	Fig. 1	1)
R412000732	Socket (female), M12, 5-pin	0,67 kg	Fig. 2	-

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.

Technical information

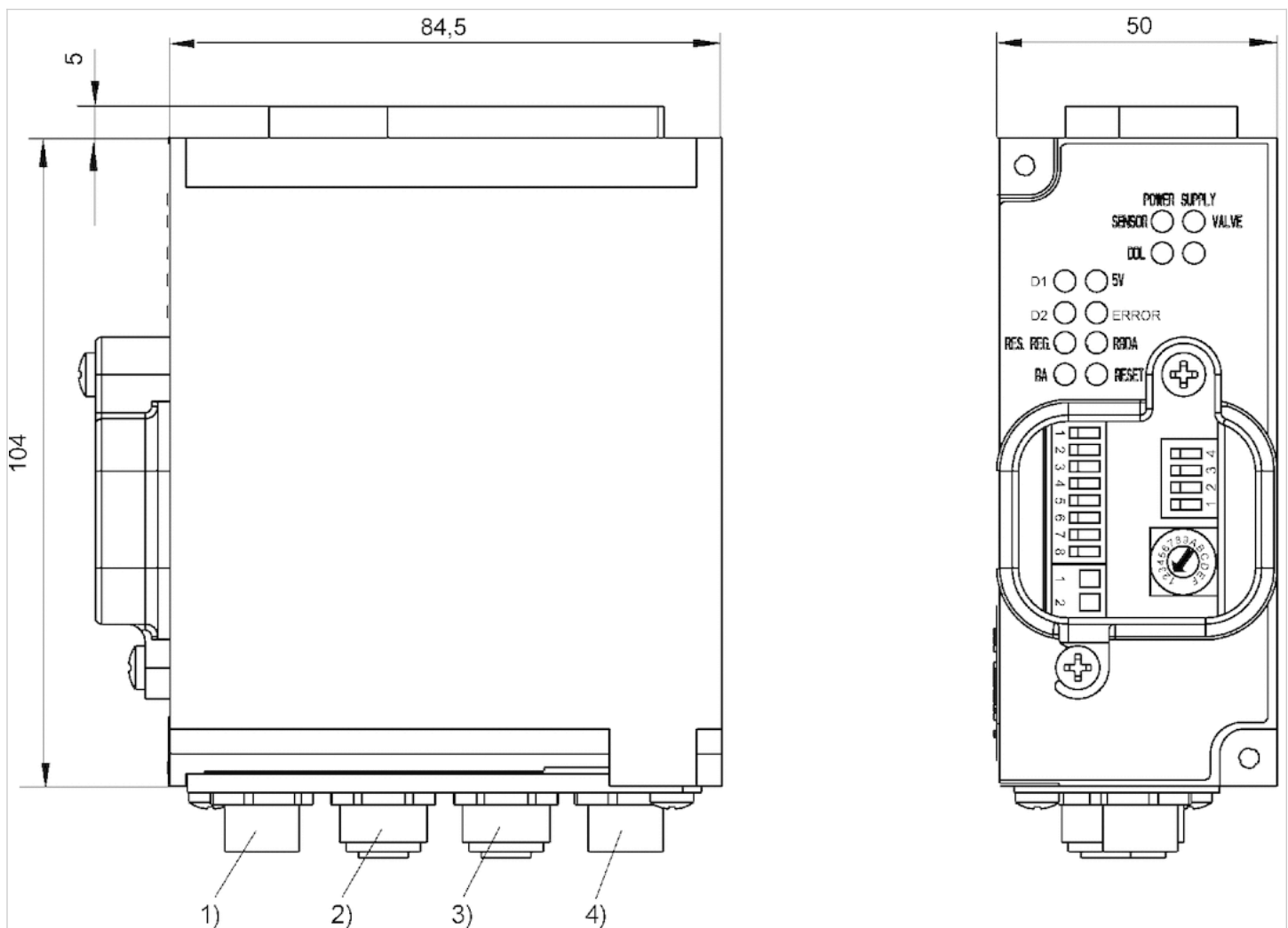
Material

Housing

Stainless steel Polyarylamide

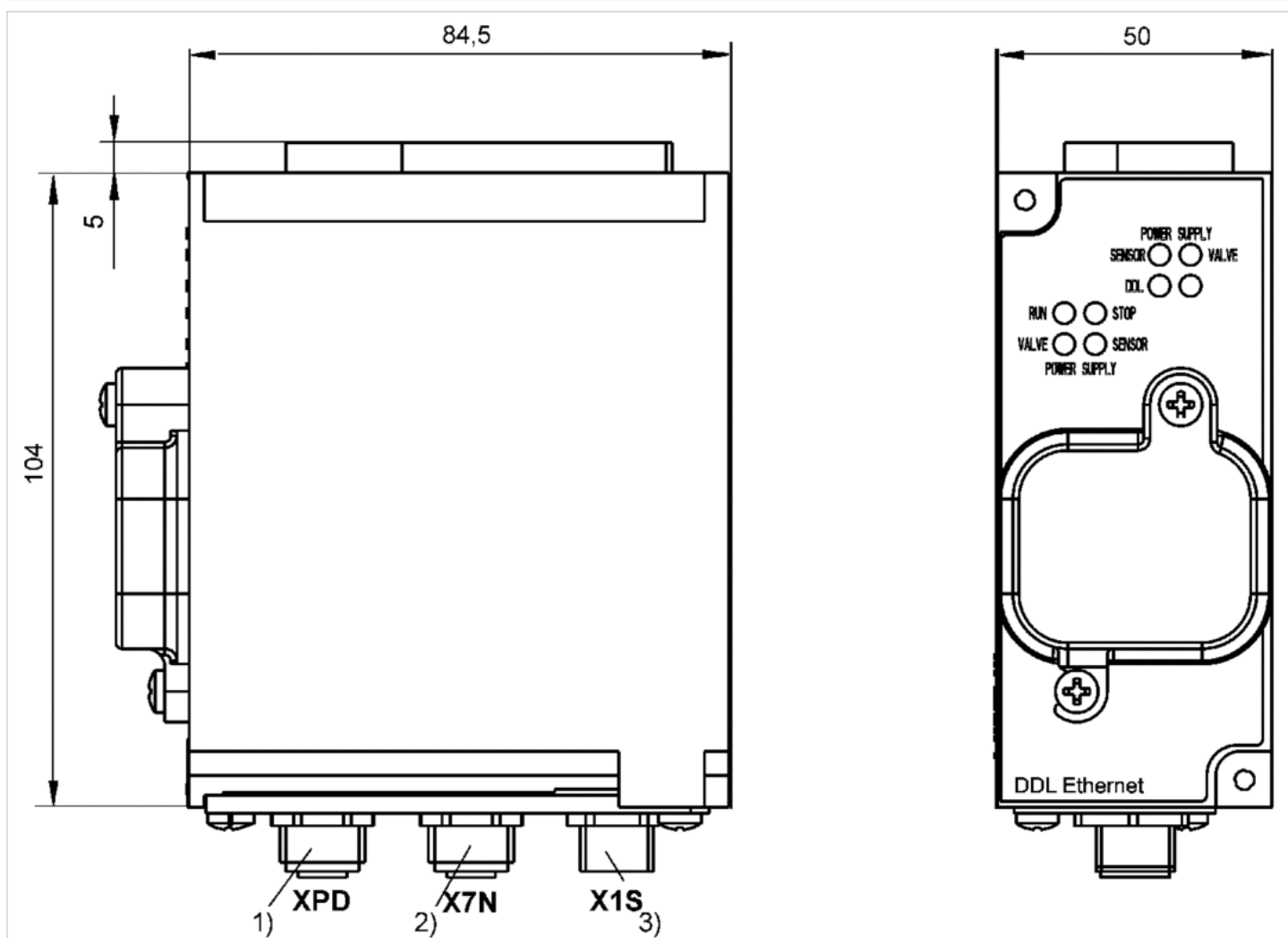
Dimensions

Fig. 1



1) Bus IN, M12x1, B-coded 2) Bus OUT, M12x1, B-coded 3) DDL, M12, 5-pin 4) Power supply plug M12, 4-pin

Fig. 2



1) DDL, M12, 5-pin 2) Bus, M12x1, A-coded 3) Power supply plug M12, 4-pin