

Series 580



AVENTICS™ Series 580



Bus coupler, Series 580

- CANopen, Central fieldbus connection without I/O function, Power supply plug M12x1, 4-pin
- Bus coupler
- Fieldbus protocol CANopen



Version	Bus coupler
Ambient temperature min./max.	-10 ... 50 °C
Operational voltage electronics	24 V DC
Electronics voltage tolerance	-10% / +10%
Power consumption electronics	0.1 A
Operating voltage, actuators	24 V DC
Total current for actuators	4 A
Protection class	IP65
Number of solenoid coils max.	32
Number of valve positions max.	32
Diagnosis	Short circuit Overvoltage
Weight	0.32 kg

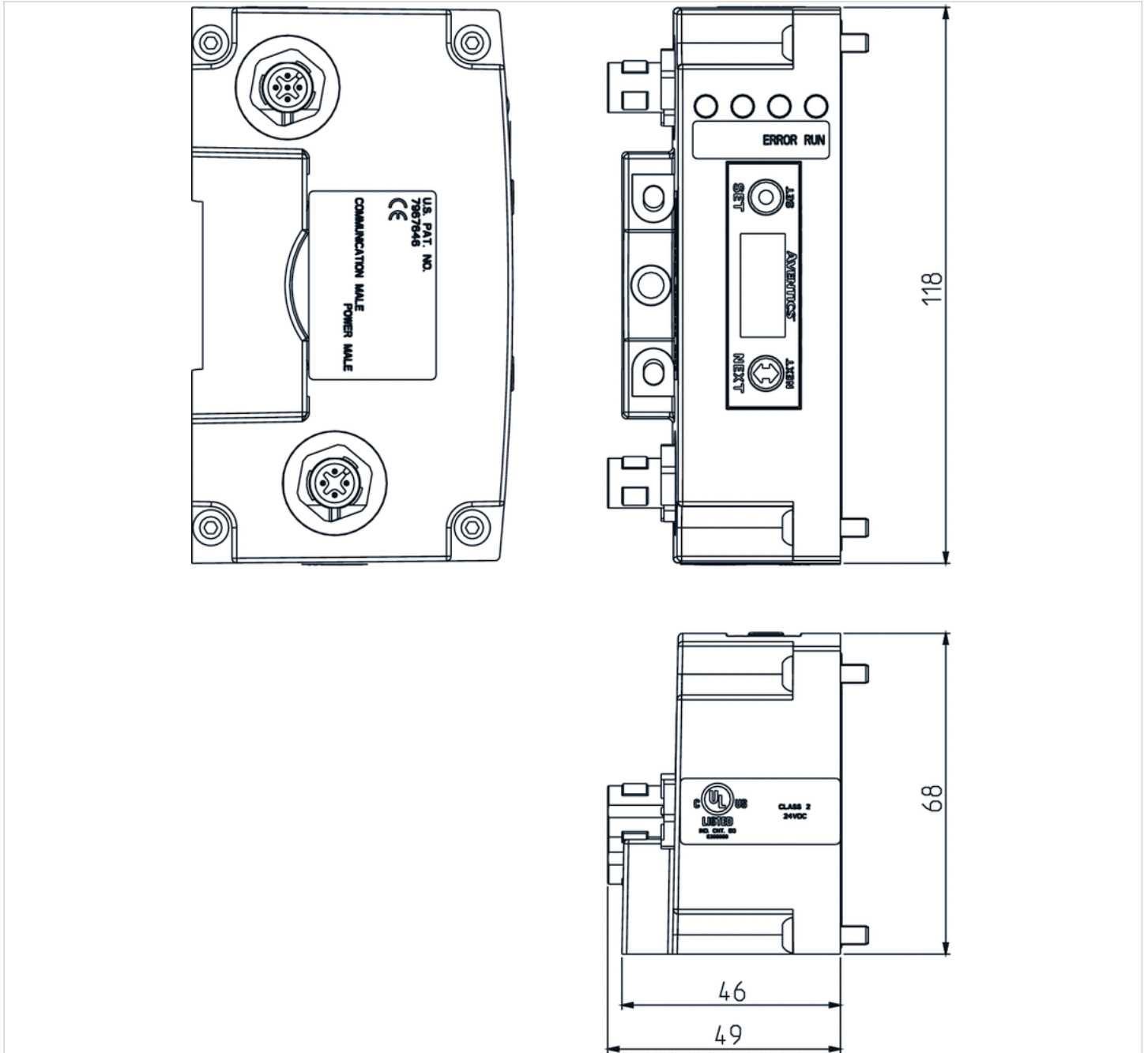
Technical data

Part No.	Fieldbus protocol	power supply
P580AECO1010A00	CANopen	Plug (male), M12, 4-pin, A-coded

Technical information

Material	
Housing	Die-cast aluminum

Dimensions



Series 580

- Central fieldbus connection without I/O function
- Fieldbus protocol DeviceNet



Ambient temperature min./max.	-10 ... 50 °C
Operational voltage electronics	24 V DC
Electronics voltage tolerance	-10% / +10%
Power consumption electronics	0.1 A
Operating voltage, actuators	24 V DC
Total current for actuators	4 A
Protection class	IP65
Number of solenoid coils max.	32
Number of valve positions max.	32
Diagnosis	Short circuit Overvoltage
Weight	0.32 kg

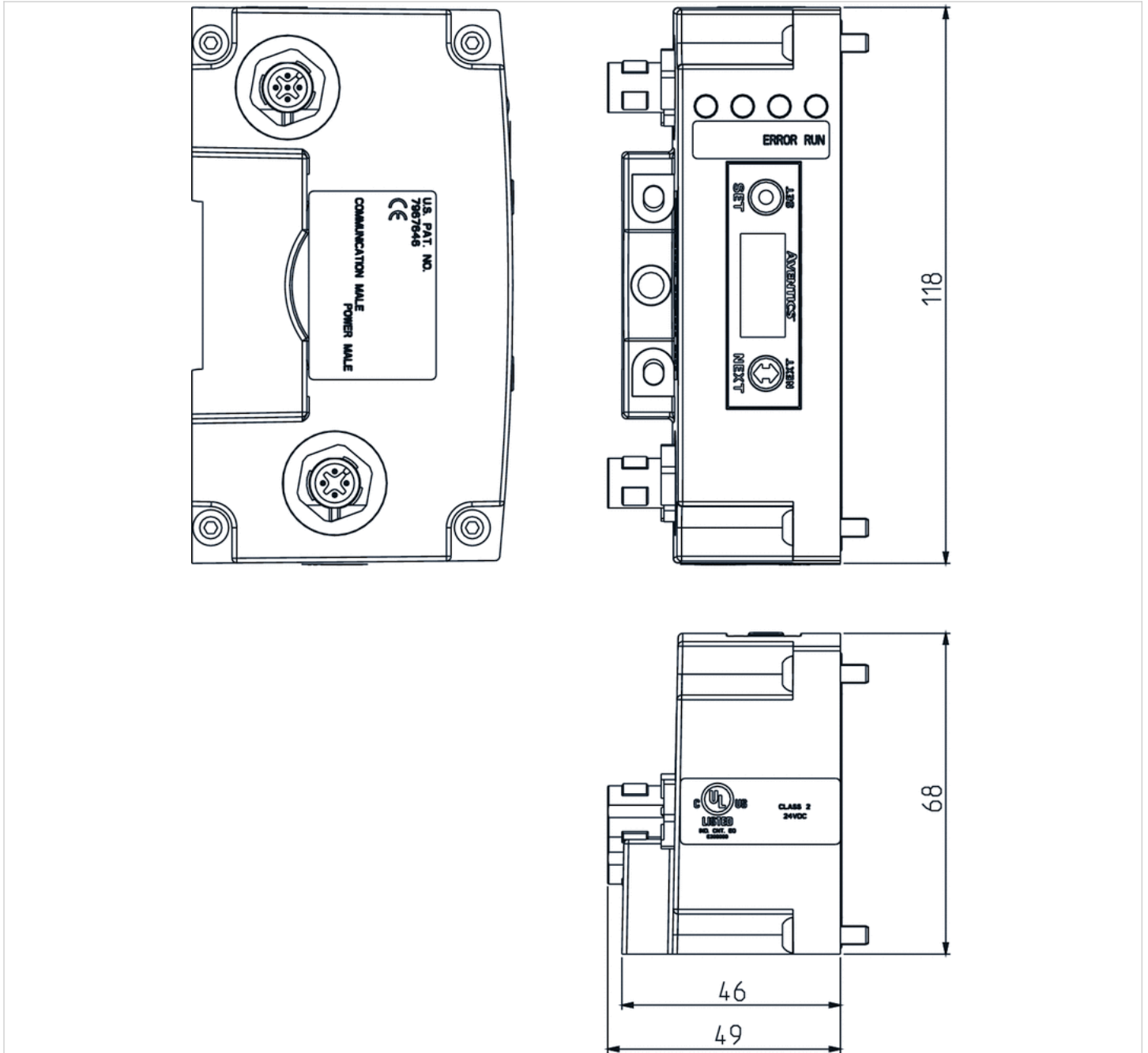
Technical data

Part No.	Fieldbus protocol	power supply
P580AEDN1010A00	DeviceNet	Plug (male), M12, 4-pin, A-coded

Technical information

Material	
Housing	Die-cast aluminum

Dimensions



Series 580

- Central fieldbus connection without I/O function
- Fieldbus protocol EtherCAT



Ambient temperature min./max.	-10 ... 50 °C
Operational voltage electronics	24 V DC
Electronics voltage tolerance	-10% / +10%
Power consumption electronics	0.11 A
Operating voltage, actuators	24 V DC
Total current for actuators	4 A
Protection class	IP65
Number of solenoid coils max.	128
Number of valve positions max.	110
Diagnosis	Short circuit Overvoltage
Weight	0.32 kg

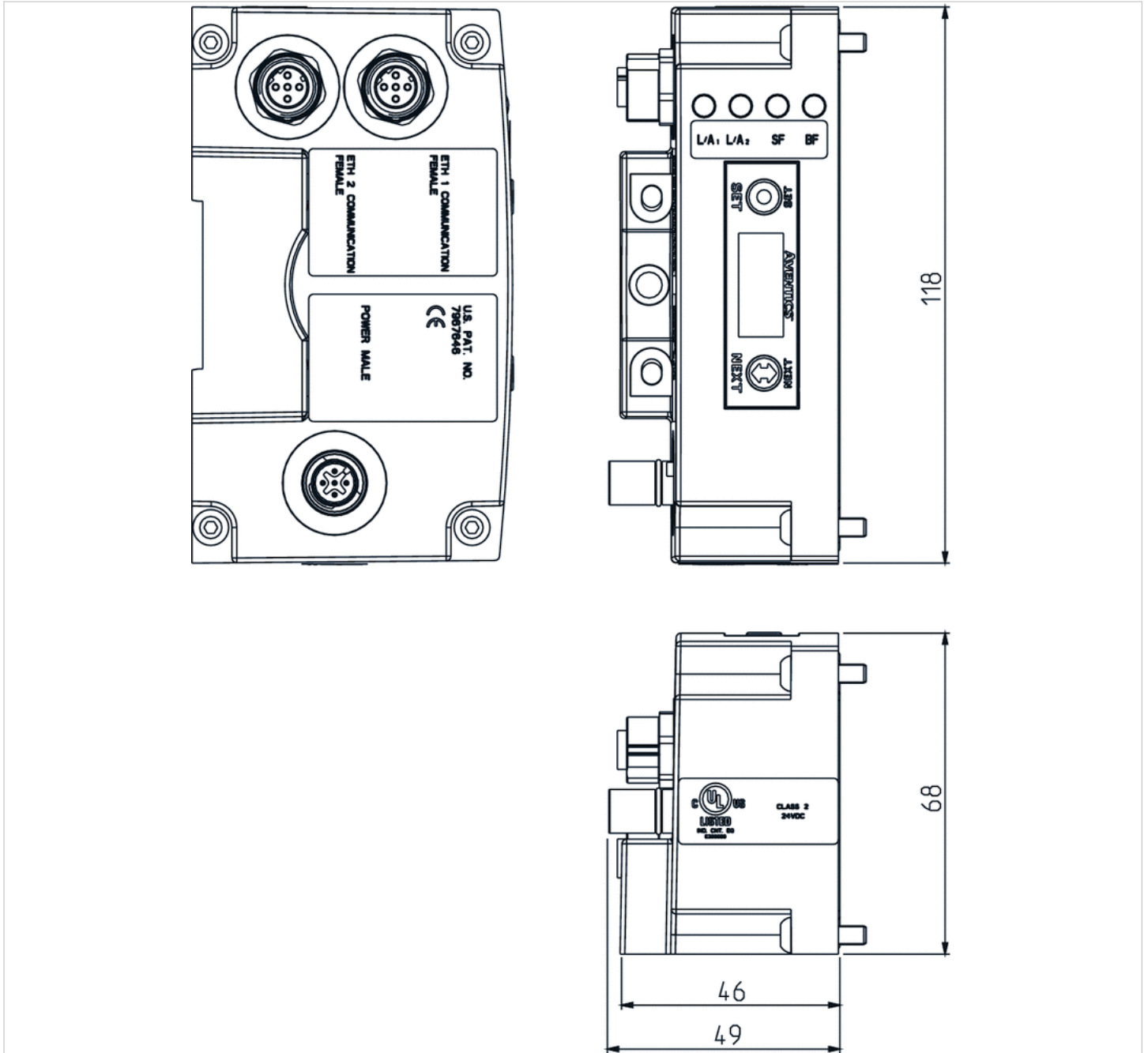
Technical data

Part No.	Fieldbus protocol	power supply
P580AEEC1010A00	EtherCAT	Plug (male), M12, 5-pin, A-coded

Technical information

Material	
Housing	Die-cast aluminum

Dimensions



Series 580

- Central fieldbus connection without I/O function
- Fieldbus protocol EtherNet/IP



Ambient temperature min./max.	-10 ... 50 °C
Operational voltage electronics	24 V DC
Electronics voltage tolerance	-10% / +10%
Power consumption electronics	0.9 A
Operating voltage, actuators	24 V DC
Total current for actuators	4 A
Protection class	IP65
Number of solenoid coils max.	128
Number of valve positions max.	110
Diagnosis	Short circuit Overvoltage
Weight	0.337 kg

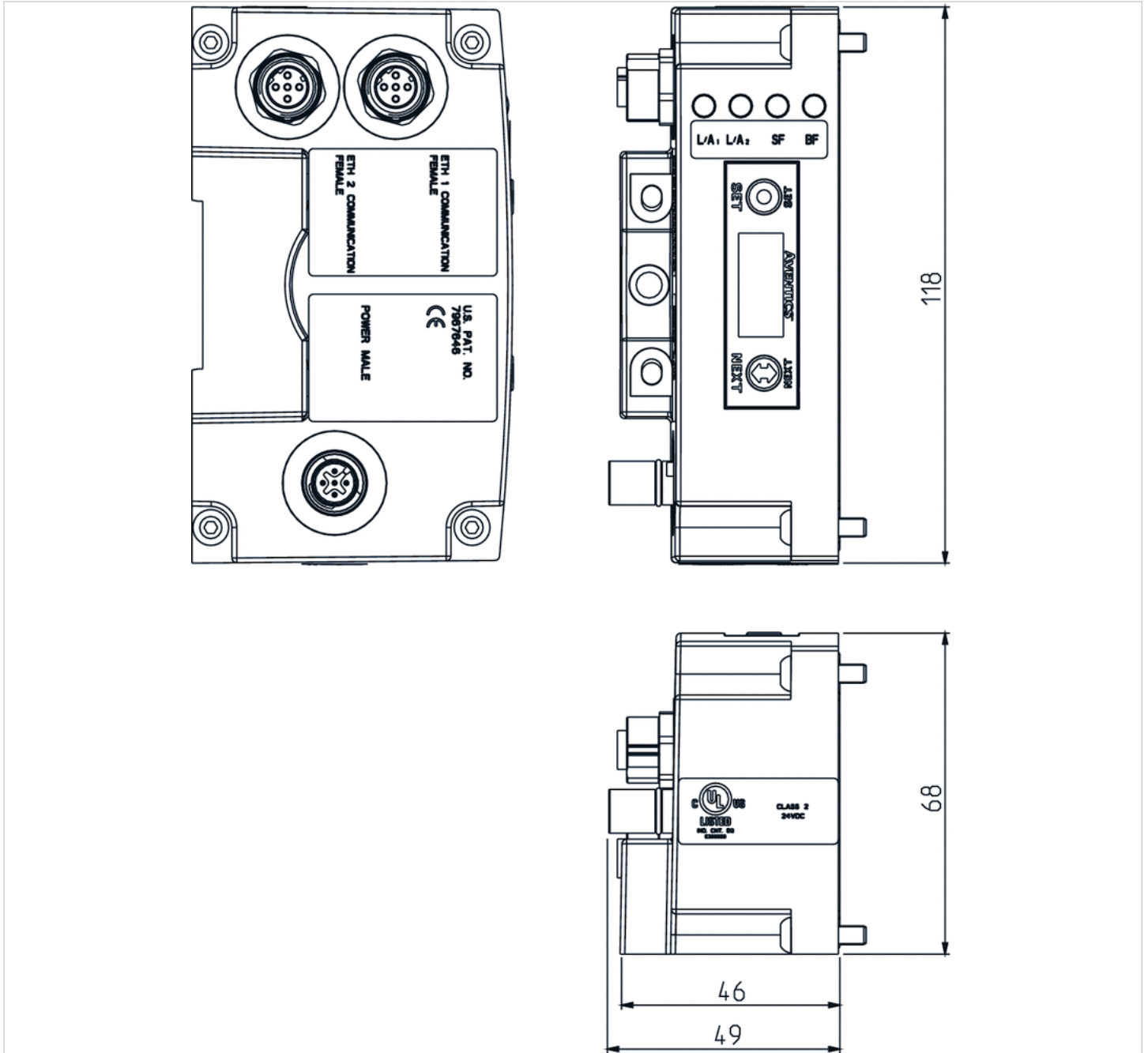
Technical data

Part No.	Fieldbus protocol	power supply
P580AEED1010A00	EtherNet/IP	Plug (male), M12, 4-pin, A-coded

Technical information

Material	
Housing	Die-cast aluminum

Dimensions



Series 580

- Central fieldbus connection without I/O function
- Fieldbus protocol POWERLINK



Ambient temperature min./max.	-10 ... 50 °C
Operational voltage electronics	24 V DC
Electronics voltage tolerance	-10% / +10%
Power consumption electronics	0.11 A
Operating voltage, actuators	24 V DC
Total current for actuators	4 A
Protection class	IP65
Number of solenoid coils max.	128
Number of valve positions max.	110
Diagnosis	Short circuit Overvoltage
Weight	0.328 kg

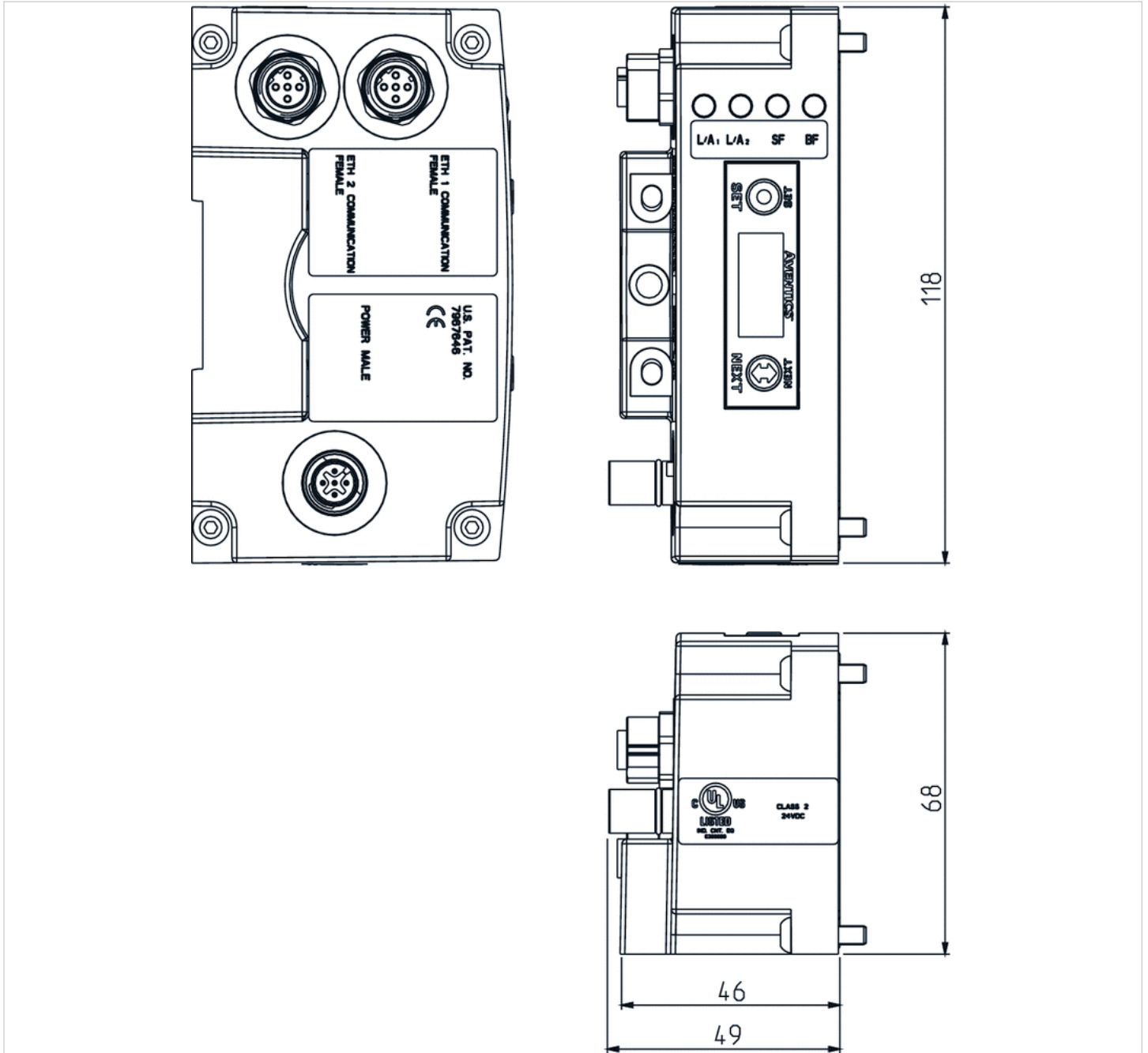
Technical data

Part No.	Fieldbus protocol	power supply
P580AEPL1010A00	POWERLINK	Plug (male), M12, 4-pin, A-coded

Technical information

Material	
Housing	Die-cast aluminum

Dimensions



Series 580

- Central fieldbus connection without I/O function, Power supply plug M12x1, 5-pin, class B
- Fieldbus protocol PROFIBUS DP



Ambient temperature min./max.	-10 ... 50 °C
Operational voltage electronics	24 V DC
Electronics voltage tolerance	-10% / +10%
Power consumption electronics	0.08 A
Operating voltage, actuators	24 V DC
Total current for actuators	4 A
Protection class	IP65
Number of solenoid coils max.	128
Number of valve positions max.	110
Diagnosis	Short circuit Overvoltage
Weight	0.326 kg

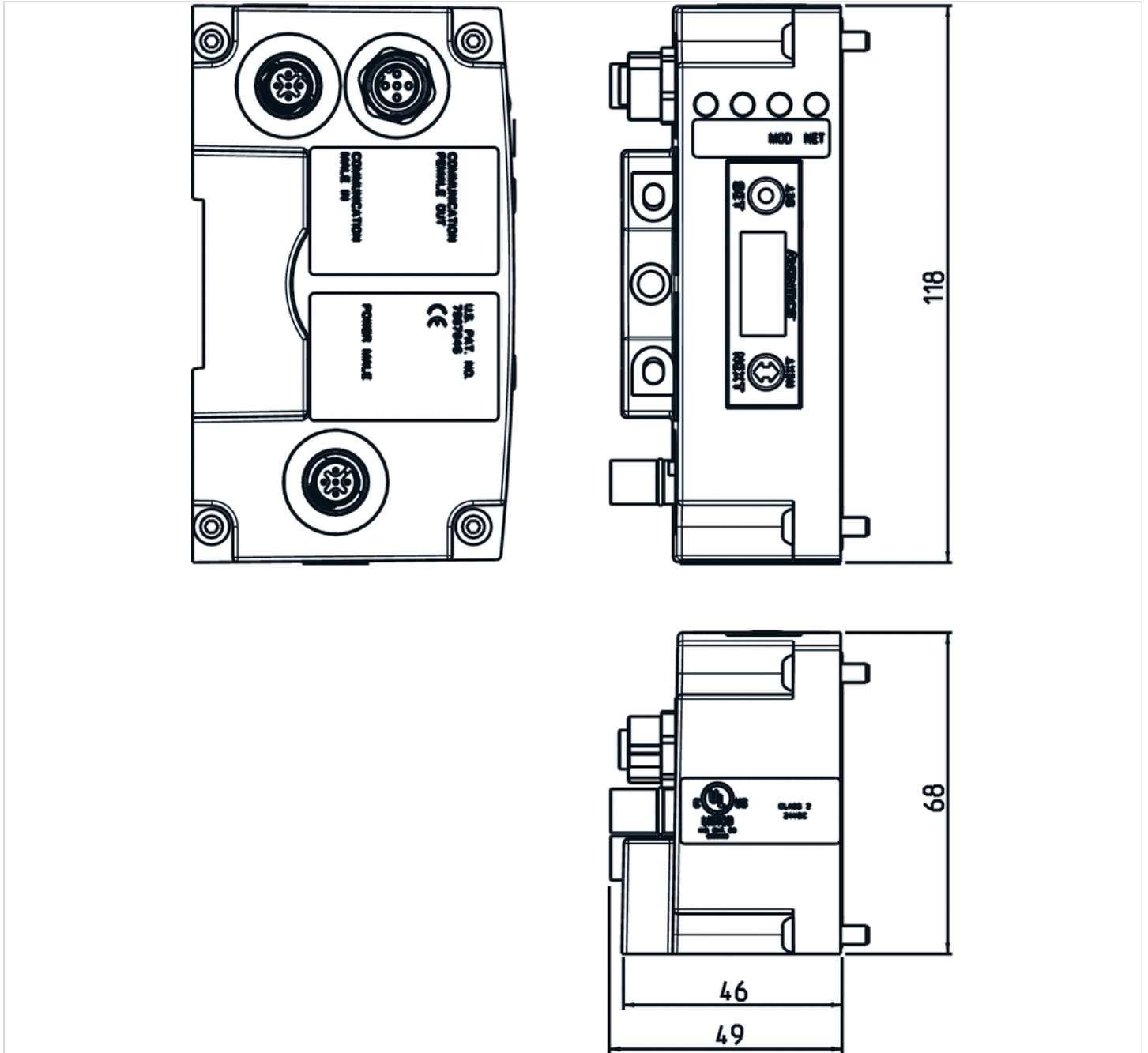
Technical data

Part No.	Fieldbus protocol	power supply
P580AEPT1010A00	PROFIBUS DP	Plug (male), M12, 5-pin, A-coded

Technical information

Material	
Housing	Die-cast aluminum

Dimensions



Series 580

- Central fieldbus connection without I/O function
- Fieldbus protocol Profinet



Ambient temperature min./max.	-10 ... 50 °C
Operational voltage electronics	24 V DC
Electronics voltage tolerance	-10% / +10%
Power consumption electronics	0.11 A
Operating voltage, actuators	24 V DC
Total current for actuators	4 A
Protection class	IP65
Number of solenoid coils max.	128
Number of valve positions max.	110
Diagnosis	Short circuit Overvoltage
Weight	0.335 kg

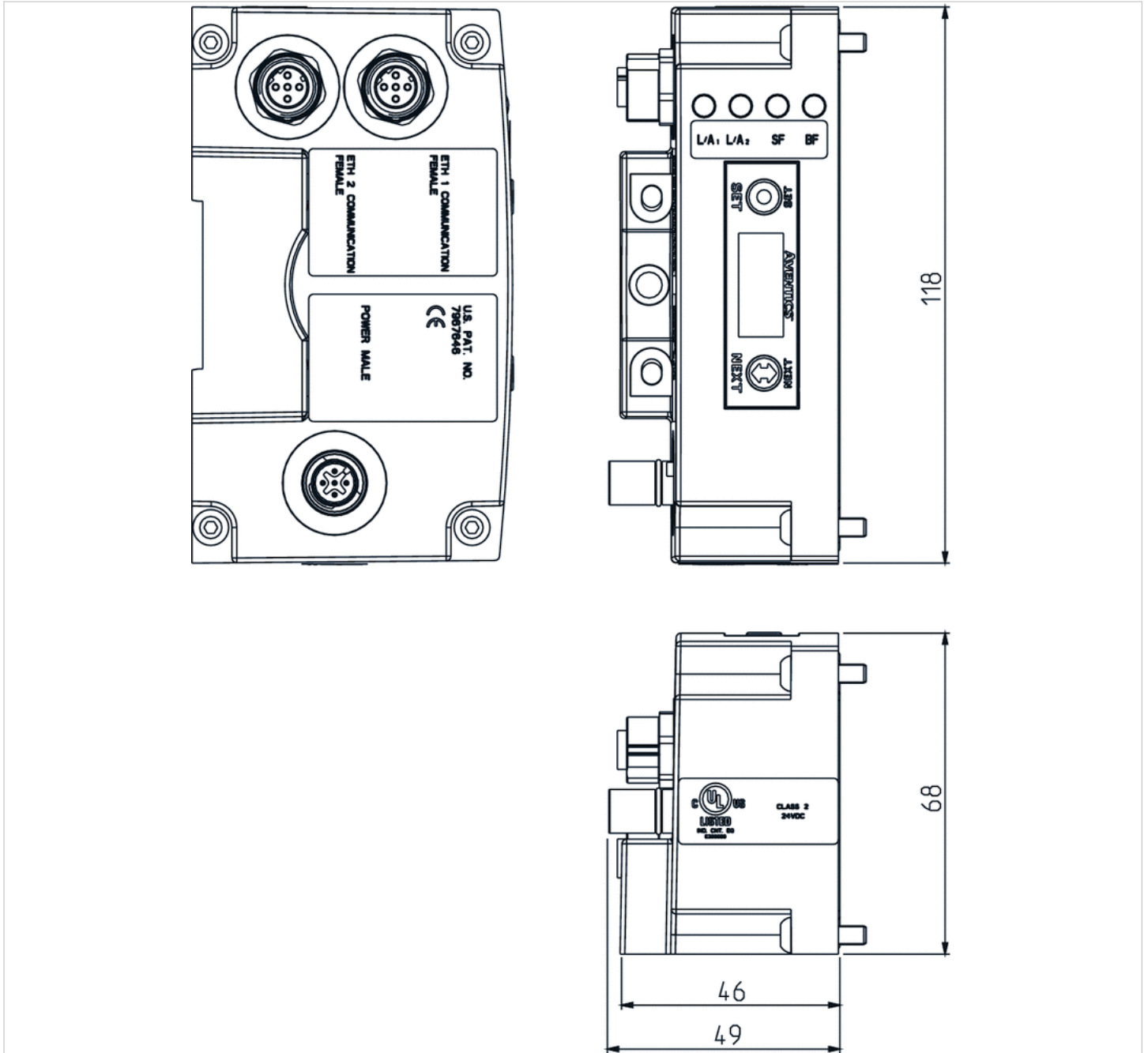
Technical data

Part No.	Fieldbus protocol	power supply
P580AEPN1010A00	Profinet	Plug (male), M12, 5-pin, A-coded

Technical information

Material	
Housing	Die-cast aluminum

Dimensions



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