Optional fieldbus connection with I/O function (CMS), B-design
R412014581

Series CMS

The AVENTICS Series CMS is used to connect valve and fieldbus systems additionally providing centralized I/O-modules. The AVENTICS Series CMS can be connected to AVENTICS valve systems of HF-LG family.

Technical data

Industry	Industrial
Version	Bus coupler with driver and inputs
Fieldbus protocol	PROFINET IO
E/A capable	connection without I/O
Number of I/O connections	32 outputs
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
Electronics voltage tolerance	-15% / +20%
Current consumption electronics	0.1 A
Operating voltage, actuators	24 V DC
Protection class	IP65
Run-up time	1.2 s
Max. current consumption per coil	0.1 mA
Max. I/O module extension	6
Generic emission standard in accordance with norm	EN 61000-6-4

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R412014581

Generic immunity standard in accordance with norm	EN 61000-6-2
Communication port 1, Type	Socket (female)
Communication port , Thread size	M12x1
Communication port 1, Number of poles	4-pin
Communication port 1, Coding	D-coded
Communication port 2, Type	Socket (female)
Communication port 2, Thread size	M12x1
Communication port 2, Number of poles	4-pin
Communication port , Coding	D-coded
Electrical connection type	Plug (male)
Electrical connection size	M12x1
Electrical connection number of poles	4-pin
Electrical connection coding	A-coded
Weight	0.91 kg

Material

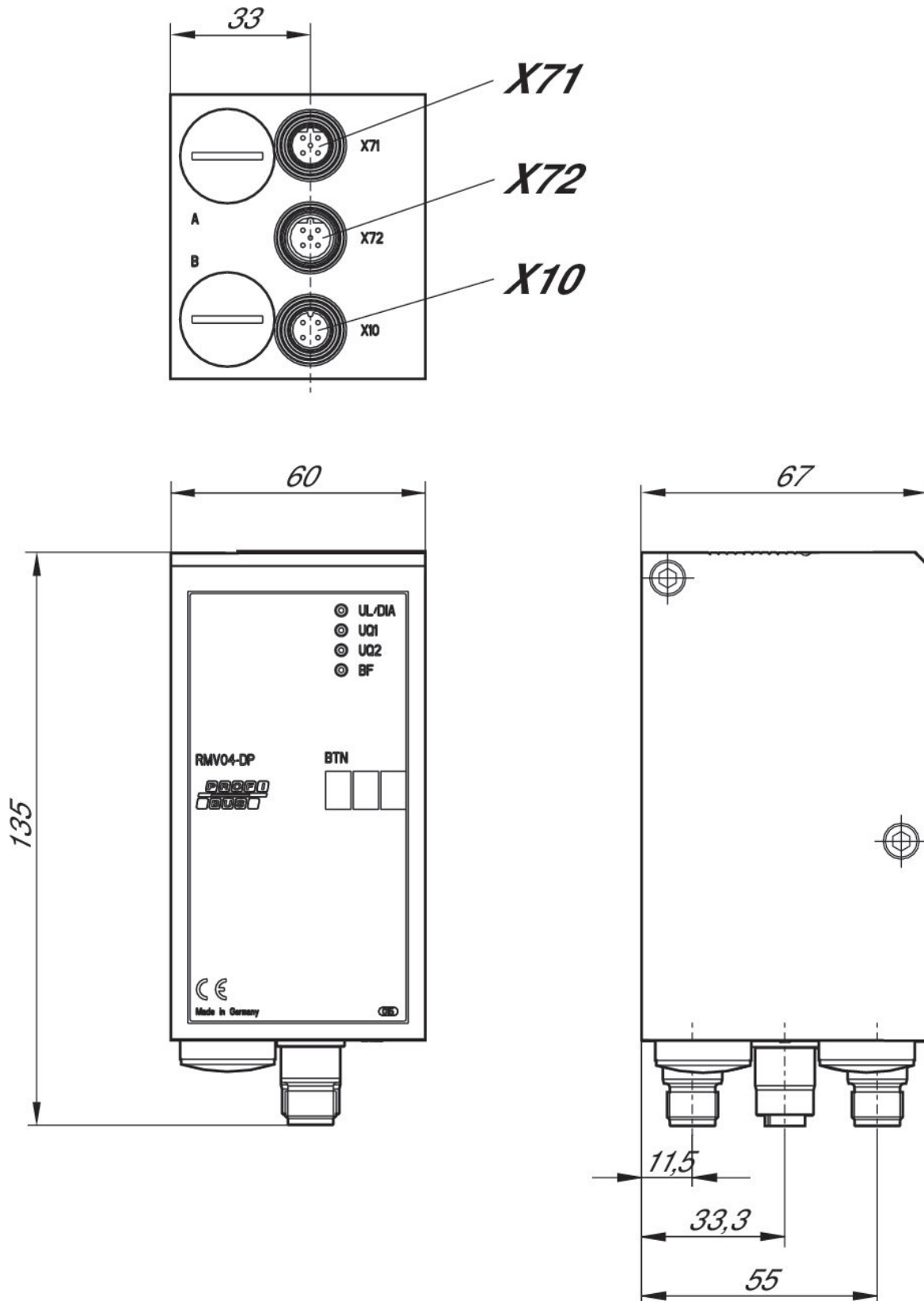|	
Part No.	R412014581

Technical information

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

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R412014581

Dimensions
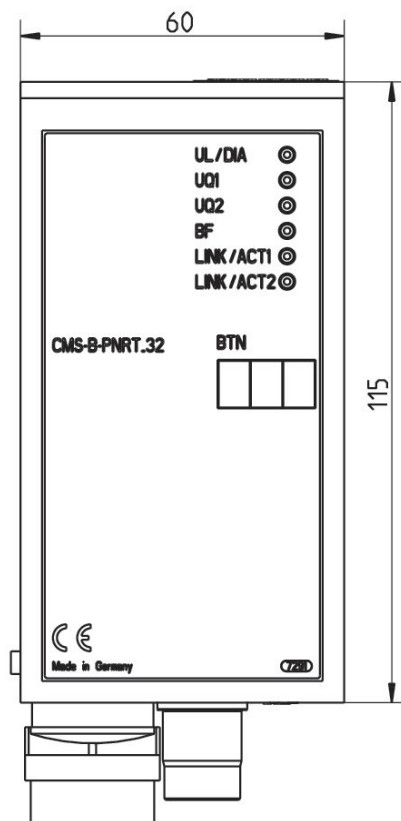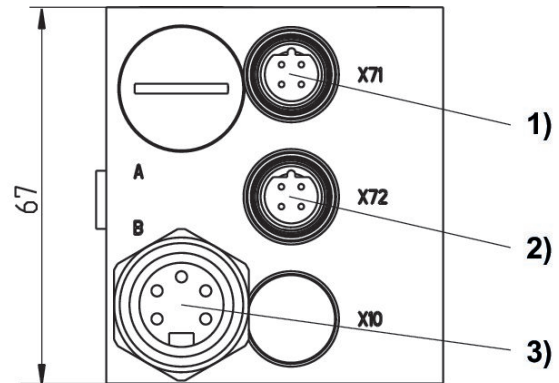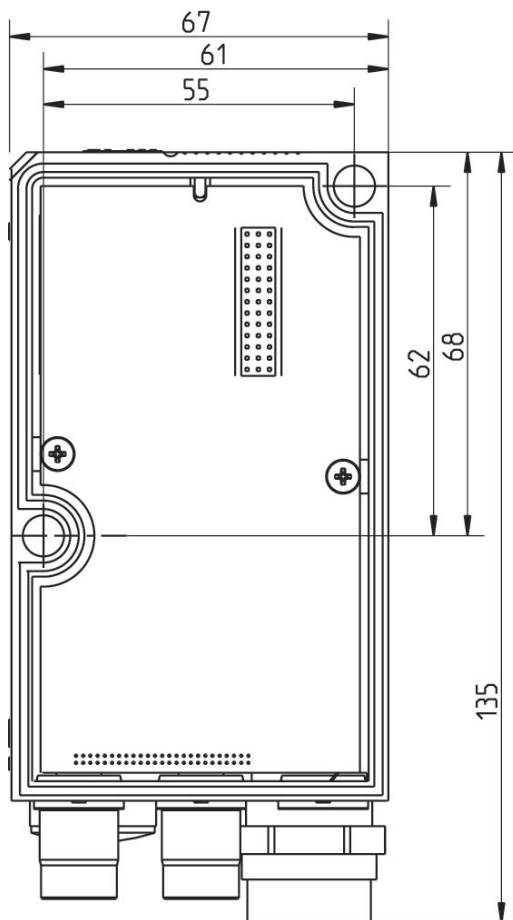

X71, (Bus IN), M12x1 X72, (Bus OUT), M12x1 X10, (Power), M12x1

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R412014581
Fig. 3

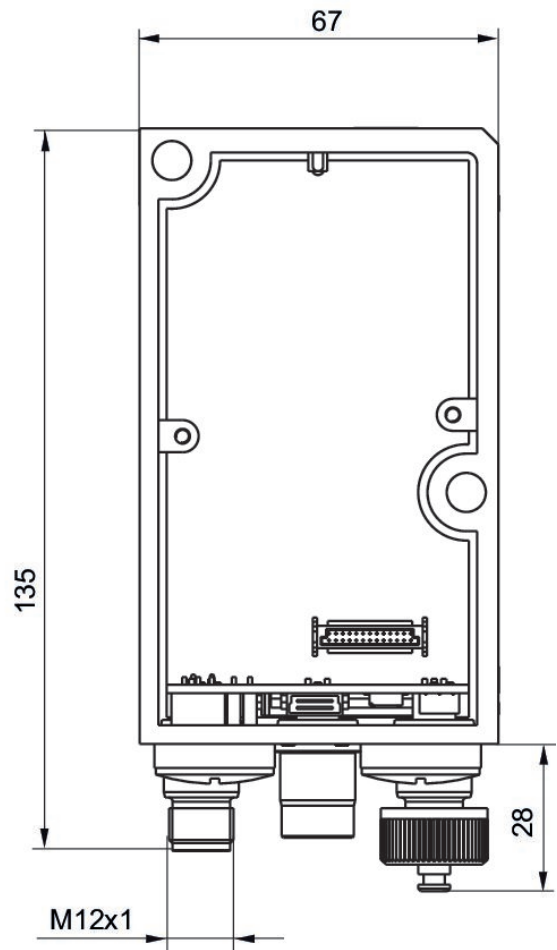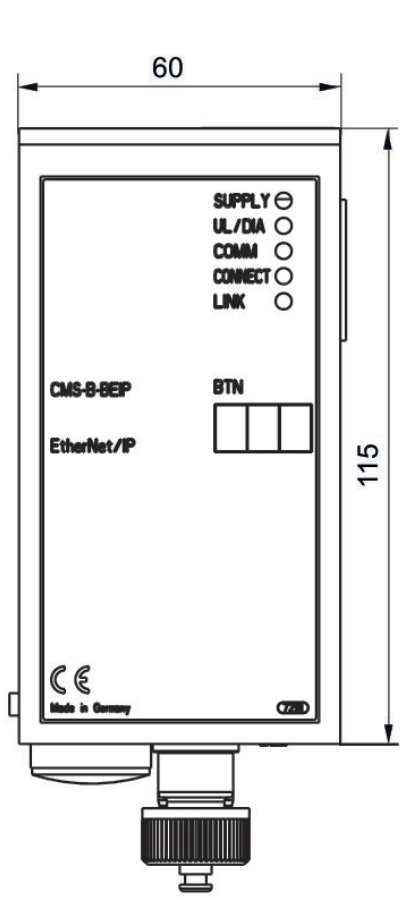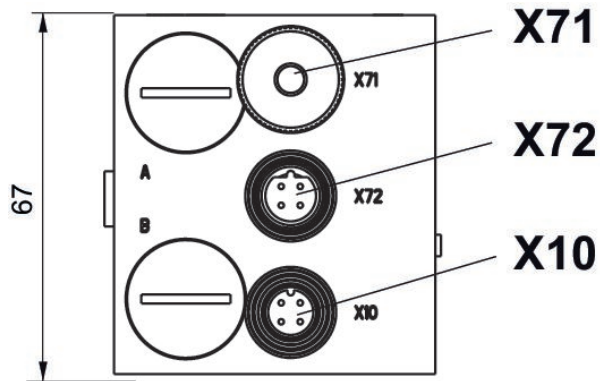1) Bus IN 2) Bus OUT 3) Power supply

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R412014581

Fig. 2

X71

X72

X10

SUPPLY
UL/DIA
COMM
CONNECT
LINK

CMS-B-BEIP

EtherNet/IP

BTN

60

67

115

135

67

28

M12x1

X71 = optional interface X72 = Bus X10 = Power