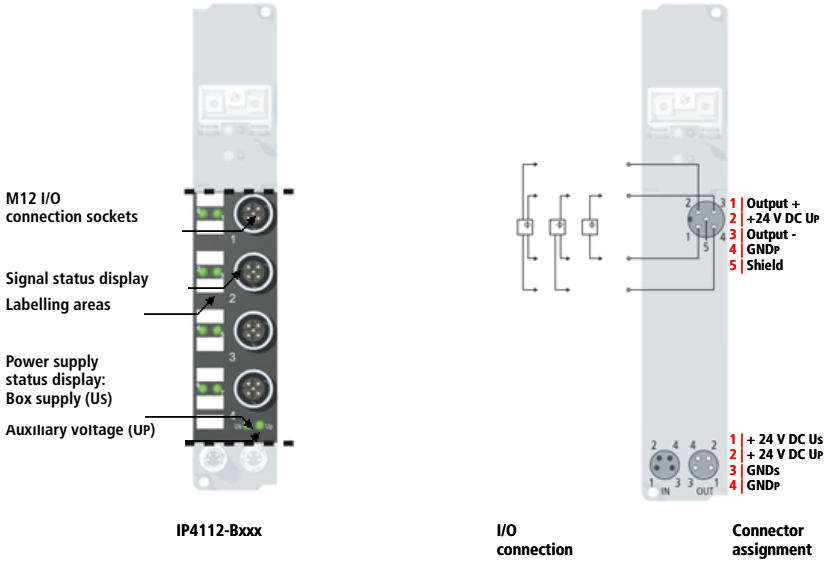

IP4112-Bxxx | I/O connection | Connector assignment

IP4112-Bxxx | 4-channel analog output 0/4…20 mA

The IP4112 analog output module generates analog output signals in the range from 0/4 to 20 mA. The power is supplied to the process level with a resolution of 15 bits (default), and is electrically isolated. If the input is transmitted without an arithmetical sign, 16 bit resolution may also be selected. If necessary, the output scaling can be altered.

Ground potential for the four output channels is common with the 24 V DC supply. The analog actuators are powered by the load voltage. The applied auxiliary voltage (which can be any value up to 30 V DC) is fed through to supply the actuators.

Technical data	IP4112-Bxxx
Number of outputs	4
Output connections	M12, screw type
Signal current	0/4…20 mA
Nominal voltage	24 V DC
Load	< 500 Ω
Resolution	15 bit, configurable to 16 bit
Conversion time	< 4 ms
Measuring error	< ±0.1 % (relative to full scale value)
Actuator supply	from the auxiliary voltage U_P
Power supply connection	feed: 1 x M8 male socket, 4-pin; downstream connection: 1 x M8 female socket, 4-pin
Bit width in the process image	output: 4 x 16 bit data, optional: 4 x 8 bit control/status
Electrical isolation	channels/control voltage: yes, between the channels: no, control voltage/fieldbus: depends on the bus system
Current consumption from U_s (without sensor current)	see documentation
Operating/storage temperature	0…+55 °C/-25…+85 °C
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 65/66/67 (conforms to EN 60529)/variable
Approvals	CE, UL