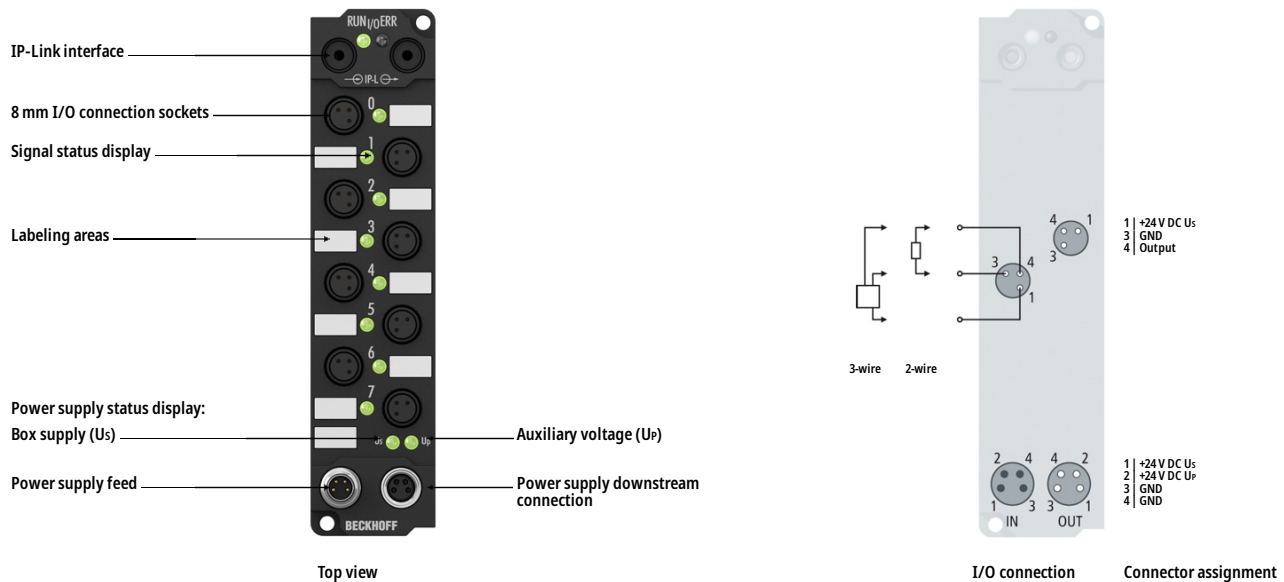
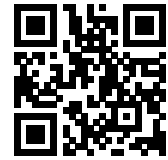


IE2020 | Extension Box, 8-channel digital output, 24 V DC, 2 A, Ø8



i Product status: Regular delivery (not recommended for new projects) | recommended alternative: IE2021

The IE2020 digital output module connects the binary control signals from the automation unit on to the actuators at the process level. The eight outputs handle load currents of up to 2 A each, although the total current is limited to 4 A. This makes this module particularly suitable for applications in which not all of the outputs are active at the same time, or in which not all of the actuators draw 2 A signal current.

The signal state is indicated by means of light emitting diodes. The signals are connected via 8 mm snap type connectors.

The outputs are short-circuit-proof and protected against inverse connection.

Product information

Technical data

Technical data	IE2020
Number of outputs	8
Output connections	8 mm, snap type
Load type	ohmic, inductive, lamp load
Nominal output voltage	24 V DC (-15 %/+20 %)
Max. output current	2 A per channel, individually short-circuit proof, Σ 4 A
Short-circuit current	max. 4 A
Auxiliary power current	typ. 30 mA per channel

Current consumption from Us (without sensor current)	25 mA
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	8 outputs
Electrical isolation	channels/control voltage: no, between the channels: no, control voltage/fieldbus: yes, via IP-Link
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. rating/installation pos.	IP65/66/67 (conforms to EN 60529)/variable
Approvals/markings	CE, UL

Housing data	Extension Box
Dimensions (W x H x D)	30 mm x 126 mm x 26.5 mm
Material	PA6 (polyamide)
Installation	2 fixing holes 3.5 mm diameter for M3