

icon Quick Guide

DOC-ICON-QUICK-GB-01

concens
member of **Bensbach** group

EXCELLENT ELECTRIC ACTUATORS.



Thank you for choosing our icon solution for your design.

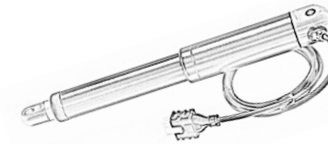
To secure a good start and a great experience please follow this quick guide for the Plug & Play solution.

Please make sure to connect all parts correctly before switching on power!

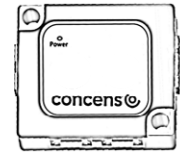


Follow the guide [here](#)
or watch how to get
started directly on our
YouTube channel

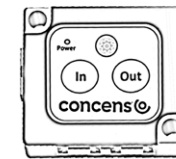
icon and accessories



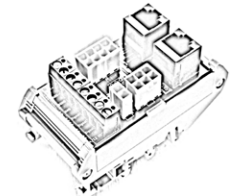
1. Icon with or w/o 8 Pin Molex Minifit connector



2. conXion Box



3. conXion Box+



4. conXion DIN



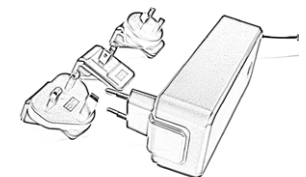
5. Programming cable
USB-RS485



6. conXion cable for
interconnection
In various lengths
(0.25, 1, 5, 10, 20 m)



7. Handset with simple
dry contacts



8. Power supply cable
With various AC plugs
(EU, US, UK, AU)

1. Plug icon actuator to the 8 pin Molex Mini it connection on the conXion Box/Box+/DIN For the DIN version it is also possible to connect wires directly to screw terminal or to PLC. For correct wire connections according to the chosen icon configuration please see [icon - User Manual](#) or by using the QR code on the last page of our Quick Guide. You will need a slotted screwdriver (0,6 x 3,5). Please make sure to connect wires before switching on power!

Please note:

Actuator must be recalibrated if you move the piston rod manually

2. Plug handset to the 6 pin Molex Mini it connection on the conXion Box/Box+/DIN

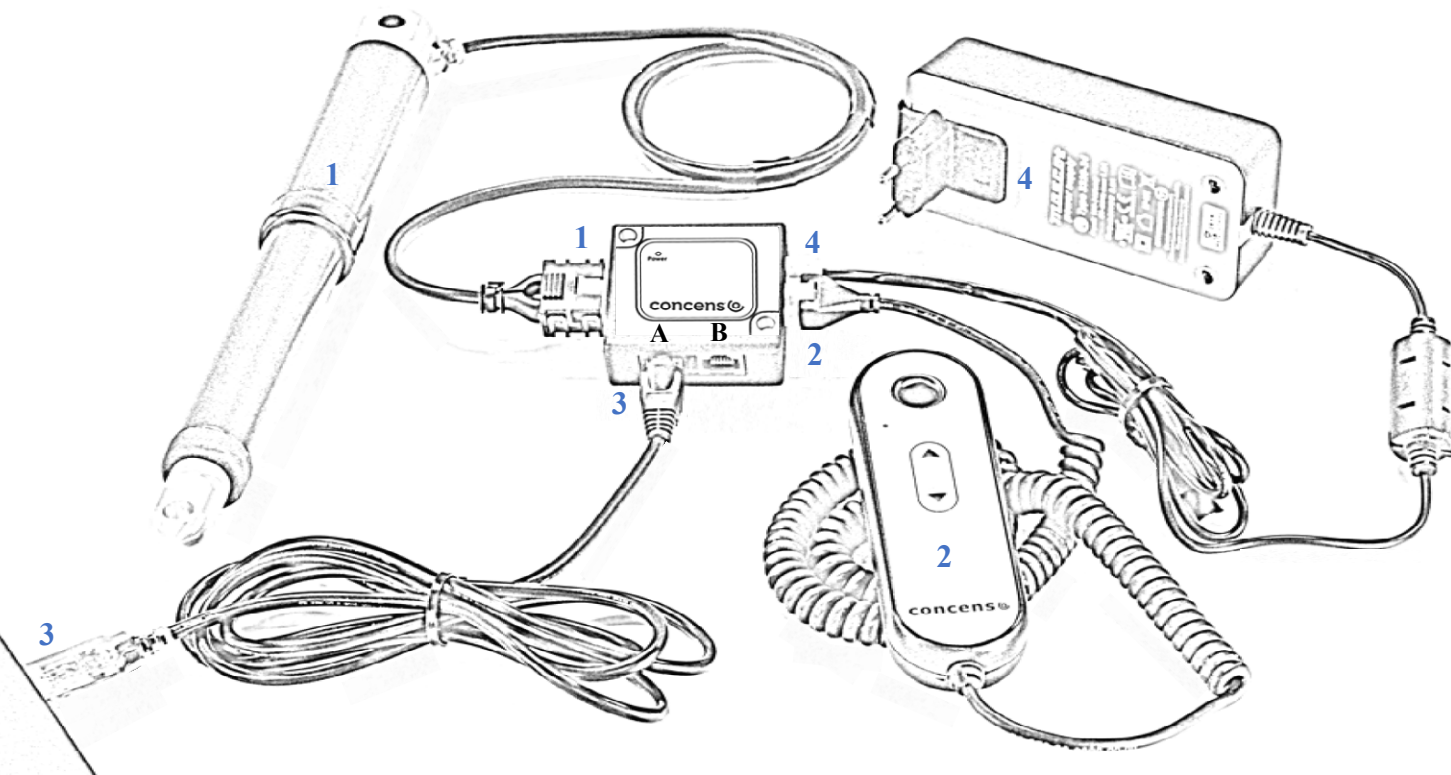
For the Box+ version it is also possible to control the actuator by using the controller function directly on the conXion Box+

3. Plug USB-RS485 programming cable in to the RJ45 connection marked A on the drawing, on the conXion Box/Box+/DIN and the USB to your computer. The RJ45 connection marked B on the drawing is for interconnecting to next conXion.

Please note all conXion Boxes and DIN are delivered with jumpers. For jumper settings please see conXion - Installation Guide, which can be found by using this link: [conXion - Installation guide](#) or by using the QR code on the last page of our Quick Guide.

4. Plug power supply to the 2 pin Molex Minifit connection on the conXion Box/Box+/DIN and plug it with the correct AC plug (EU, US, UK, AU) to the power socket, as soon as the small LED on the conXion is illuminated you are ready to start.

Note: Before performing a 'Home' or 'Learn' cycle the actuator(s) need to be pinned or installed in both the rear and front bracket. Otherwise the piston can spin and give an incorrect result.



Additional and related information

- [icon - User Manual](#)
- [conXion - Installation Guide](#)
- [Download software CAS \(Concens Actuator Studio\)](#)
- For additional assistance or further information, please contact your local Concens actuator partner. [Find your local partner](#)



icon - User Manual



conXion - Installation Guide



Find your local partner

[Icon - Quick Guide](#) | Web ver. | January 2024

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