



EJOYN

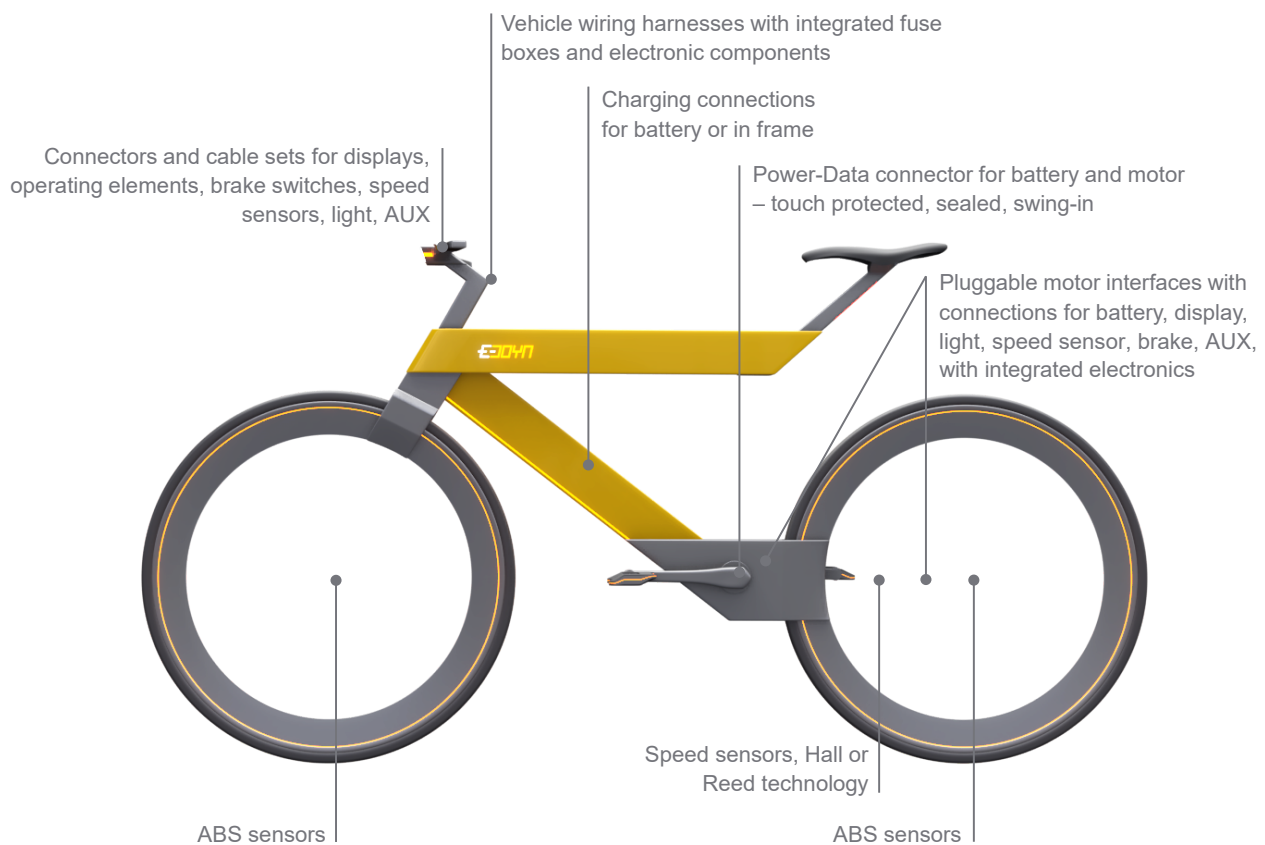
Experience the smart way of micromobility

Getting around the city using an e-scooter or taking the e-bike to the mountains – electrically operated transportation is more popular than ever. More and more people are discovering it as an alternative approach to conventional cars, public transportation or use it in combination. There is no surprise: After all, it is comfortable, agile and sustainable on the road and it's fun for everyone.

Our portfolio covers all data interfaces, connectors, sensors and cable systems for e-vehicles of micromobility – from rear wheel to handlebar. These include, for example, motor and battery interfaces, speed- and ABS-sensors as well as plug connectors for displays, sensors and brakes.

Whether eBikes, e-skateboards, e-scooters or cargo vehicles for inner-city delivery services: Thanks to our sophisticated product range, we are able to equip all vehicles of various sizes. We always keep one thing firmly in view: the individual customer requirements.

THIS IS INSIDE ME





Connectors and cable sets for display, brake switch, speed sensor, light, gearshift, USB charging socket

- 2 to 6 way connectors
- extremely compact and suitable for installation inside the bicycle frame
- vibration-resistant contacts
- high IP rating
- sheathed cable and single wire solutions



Motor interfaces – connections between motor electronics and all peripheral modules

- sealed, pluggable interface between the peripheral modules (HMI, Speed sensor etc.) and the motor
- 2 to 6 way connectors of extremely compact design
- direct connection to the internal motor control board possible
- bluetooth module integrated directly in the motor feed-through, enabling app control
- service activities possible via the bluetooth interface



Charger cable sets

- for quick chargers
- high IP rating, touch protected (if 48V systems)

ABS sensors

- for detecting the speed of the front and rear wheels
- sensor signal is processed in the higher-level control unit and wheel locking during braking is prevented (as in a car)



Charging connectors for battery or in the frame

- up to 6 way interface for power and data communication between the charger and battery
- socket for installation in the frame or directly in the rechargeable battery housing
- sealed charger cable set, suitable for outdoor use (wet area)
- up to 5,000 connection cycles
- touch protected (if 48V systems)



Power-data connectors for frame and intube batteries

- various versions for frame and intube batteries
- touch protected (if 48V systems)
- extremely compact designs
- suitable for up to 5,000 connection cycles
- seal that protects the contact area from environmental influences when plugged in (protection class IP67)
- interface can also be used to charge the rechargeable battery when removed



Speed sensors – Standard and hall technology

- for detecting the vehicle speed
- wear-free Hall technology in comparison to the reed switch technology usually available on the market
- complete product => sensor including cable and connector



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