

INDUSTRIAL E-VEHICLES

The new generation of industrial e-vehicles can only function well if a number of sensors keep an eye on battery management, actuator positions and take care of people safety around the vehicle.

Pressure sensor
MLX90817
Hydraulic pressure

3D Hall sensor
MLX90333 & MLX90393
Joystick controller

Hall switch
MLX92231
Paddles
Switch controller

Linear Hall sensor
MLX90290
Torque sensing

Hall current sensor
MLX91210
BLDC motor control

Hall latch
MLX92215
BLDC motor commutation

BLDC motor pre-drivers
MLX83203
BLDC motor control

Linear Hall sensor
MLX90290
Hall resolver
MLX90380
3D Hall sensor
MLX90363 & MLX 90393
BLDC motor position/angle

Hall current sensor
MLX91208 & MLX91209
Battery current monitoring

Contactless temperature sensor
MLX90614 & MLX90632
Battery temperature monitoring

Thermal camera FIR array
MLX90640
Wireless charging safety

ToF 3D camera chipset
MLX75023 & MLX75123
Obstacle detection
People detection

LIN system basis IC
MLX80030
LIN network

LIN RGB driver
MLX81115
LIN RGB driver

