2-3-WIRE INDUXIS® LATCH & SWITCH

MLX92442

The MLX92442 is a revolutionary inductive latch PCB/no external coils, no magnet/no holder). The smart switch/latch operation is established by simply defining













Rotary

Rotary speed sensing

Push

Linear differential

Linear

Key features

- ✓ Induxis® Innovative technology

- **⊘** ISO26262 ASIL A SEooC (Safety
- Packages, RoHS compliant
- Protections

Induxis®

- **⊘** Contact-less
- Magnet-less
- Strayfield immune
- Integrated coils

Sensing metal has never been easier!

Applications



- Charging flap
- Hood/Trunk latch
- Brake light switch
- Door lock & handle Inverter Interlock
- Seatbelt buckle







- Speed-sensing (motorcycles)
- Bank angle sensor (motorcycles)
- Push-button / Radio-button





www.melexis.com/ MLX92442

