



CANopen®

Integration of ArgoDrive into an AGV

Use case
CANopen
with STO

ebmpapst

engineering a better life

System

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Advantages

- ✓ Flexible design of functional safety and control
- ✓ MTTFd and B10 available
- ✓ Standard safety components can be used
- ✓ Approvable basic concept

- SPS communicates with ArgoDrive via CANopen
- Two drive controllers in master/slave configuration
- STO via separate cable to ArgoDrive drive controller
- Plausibility check of the CAN data with safely recorded data from SICK's MOC module
- Brake control incl. feedback via drive controller and SICK module
- Scalable system from one to several drives per vehicle