SAFETY solutions for safe automation

Functional safety drive technology for trouble-free and safe control of machines and systems from ACD Antriebstechnik GmbH.

SAFETY features:

- Machine application and safety application are separated for easier and cost-effective adaptation.
- You can keep your existing communication master because the data of the safety application is integrated in your bus communication.
- Safe control of machine components (break, valve, clutch, relay, safety guard, …).
- Safety solution is flexible and extendable.
- Safety Integrity Level (SIL3), Performance Level (PL e)
- Safety program: Online Diagnostics and Recording Tool is integrated into our PLC Designer
- Safety program: Offline Simulation

Customer benefits:

- Customized and cost optimized hardware long term availability.
- Manufactured locally in Germany.
- Scalable to user application
- Compatible with every EtherCAT Master
- Free programmable safety application by using the graphical user interface.
- Opportunity to scale machine and line configuration with EtherCAT Master and Safety communication protocol FSoE.
- Update of safety application is possible in field via USB or EtherCAT file transfer protocol (FoE).
- Customized diagnostics and recording of the safety functions, similar to the app DriveCon for the ACD drives.

PRODUCT PORTFOLIO

ACD ANTRIEBSTECHNIK GMBH
KUNDENSPEZIFISCHE LÖSUNGEN
ANTRIEBS- UND STEUERUNGSTECHNIK

MASCHINENTEIL 1, 2, 3, 4 ...

WLAN

SAFETY WIRELESS

HMI MOBILE
SAFETY PANEL SP200

REMOTE ODER
WEB VISUALISIERUNG

PLC DESIGNER
Sicherheitsapplikation bleibt unabhängig
von der Maschinenapplikation

SICHERE EINGÄNGE
z.B. Not-Halt, Schutztür, Abdeckung

SICHERE AUSGÄNGE
z.B. Ventil, Schütz, Sichere Bremse,
Sicherheitszuhaltung

SICHERE POSITION/WINKEL
z.B. Resolver, Sinus/ Cosinus,
Digitale Safetygeber

Motor mit sicherer Bremse

STEUERUNG
Maschinenapplikation

FSOE MASTER
SAFETY PLC
SAFETY GATEWAY
SAFETY I/O
Sicherheitsapplikation

FSOE SLAVE
SAFETY DRIVES
STO, SS1, SS2, SLS, SOS,
SLS, SMS, SDIx, SBT, SBC

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