

Versatile controller for pneumatic dense phase conveying

STP 51



The multi-processor controller developed by GERICKE supports the objectives of pneumatic dense phase conveying including:

- Low speed, gentle conveying, protecting the conveyed product
- Reduced wear of conveying system
- Low conveying gas consumption, environmentally friendly
- High operation safety and reliability
- User friendly operation

Controller Type STP 51

Application

Control and supervision of GERICKE conveying systems for single and double sender operation:

- thrust conveyor PHF
- Pulse Flow conveyor PTA
- slow conveyor PLT
- gentle conveyor PSF

Operation

- Manual or automatic operation
- User friendly operation through menu displays, clear text, mode and alarm signaling
- Large background illuminated LCD display with up to 40 x 24 characters, diameter 14.5 cm
- All conveying systems and their relevant parameters are easily programmable
- High operational safety through several protected operating levels

Structure

- Highly precise sequence control by multiple processor technique with supervision of the conveying process
- Modular structure with plug-in processor modules
- Fail safe memory in EEPROM
- Easy connection with large terminal fixings
- Interface: Digital in- and outputs, 24 V DC
- Supply voltage 24 V DC



Pneumatic dense phase conveying

Enclosure

- ABS plastics enclosure, IP-65 (height 360 mm, width 400 mm, depth 150 mm)
- Suitable for wall mounting

Option: Rack mounting without enclosure for plug-in to DIN rail, separate operating panel

Controller suitable for ambient temperature 0 to 50 °C

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