



UNIVERSAL ELECTRONIC CONTROL

FOR CONTINUOUS DOSING AND WEIGHING INSTALLATIONS



CEMENT | STEEL | ALUMINUM | FERTILIZERS | GLASS | TOBACCO | QUARRIES

DOSATEC®

UNIVERSAL ELECTRONIC CONTROL

TYPE : SIGMA 5003NET

Management of 3 separate weighing systems
belt, extraction & silo
Management of 5 motors
Belt segmentation
Speed measuring
Automatic Material Calibration procedure (CAM)
Alarms configuration
Daily and permanent totalizers



DOSATEC SA

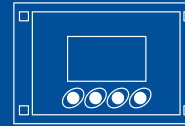
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SIGMA 5003VD



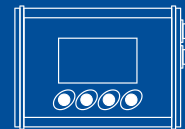
- Display module on CANOpen bus
- 16-bit microprocessor running at 20MHz
- Main bus CANOpen industrial optoisolated (+ -36V)
- Profibus DP optocoupled (optional)
- Service channel RS-232
- 24V microprocessor

SIGMA 5003MHYB



- I/O card on CANOpen bus.
- 16-bit microprocessor running at 20MHz
- 24V filtered / opto-isolated digital inputs
- 8 digital outputs 24V 500mA filtered / optoisolated / protected
- 2 analog inputs «strain gauge» 24 bits
- 2 analog inputs 12 bits
- 2 analog outputs 16bits 0..20mA / 4..20mA / 0..10V
- Main bus CANOpen industrial optoisolated (+ -36V)
- Service channel RS-232
- 24V microprocesseur / inputs

SIGMA 5003VB



- Portable HMI console on CANOpen bus.
- 16-bit microprocessor running at 20MHz
- Main bus CANOpen industrial optoisolated (+ -36V)
- Service channel RS-232
- 24V microprocessor

SIGMA 5003SB



- Local commands on CANOpen bus.
- 16-bit microprocessor running at 20MHz
- 4 single or double actuators (left-center-right)
- 1 emergency stop actuator
- 5 LED-illuminated actuators
- Main bus CANOpen industrial optoisolated (+ -36V)
- Service channel RS-232
- 24V microprocessor / inputs