Tachometer

Portable Tachometer

Series C118

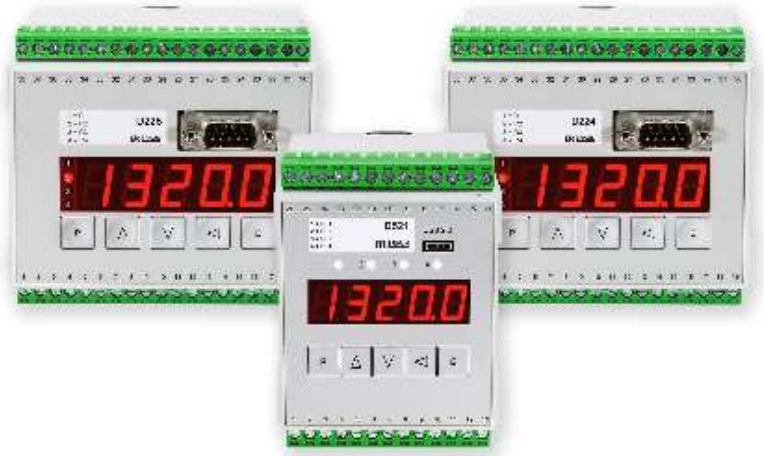
Features

- Signal Frequency 0 Hz···100 kHz
- Reading /min or /sec or other unit
- 6 digit LCD Display (10 mm)
- Universal Signal Input for all BRAUN sensors and wheel pulse transmitters
- 1 Analog Output 0···4 V
- 1 TTL Pulse Output
- RS232 Data Interface (optional)
- Power Supply by battery, cell or mains

Model	구성
C118BS	C118, Optosensor A1S30P95, Cable SAK-2m, Marking aids, Carrying case
C118.1BS	C118BS, RS232 data interface, RS232 Cable L3D01
C118.2BS	C118BS, Manually adjustable preset of input sensitivity, Useful at low speed (< 100 RPM)
C118.3BS	C118.2BS, RS232 data interface, RS232 Cable L3D01
C118.2BP	Same as C118.2BS, but high efficiency sensor A1S36P95 with 5m attached cable, Cable SAK-2m
C118.3BP	C118.2BP, RS232 data interface, RS232 Cable L3D01

Tachometers

Tachometers and Installation Devices for Set Point Monitoring, Conversion and Display of Rotational Speed, Speed and Flow Rate



Model	SIL1	Signal Input	F/R	Analog Output	Alarm Output as SPDT relays	Alarm Output as PhotoMOS relays	Data Interface
D521.02	●	1			2		USB 2.0
D521.04	●	1			2	2	USB 2.0
D521.10	●	1		●			USB 2.0
D521.12	●	1		●	2		USB 2.0
D521.14	●	1		●	2	2	USB 2.0
D225.11	●	1	●	●	4		RS232
D225.12	●	1	●	●	4		PROFIBUS
D224.11	●	2		●	4		RS232
D224.12	●	2		●	4		PROFIBUS

Single Channel Speed Monitor for increased safety requirements up to SIL1

Series D521

Features

- Monitor with sensor monitoring and self-test function with plausibility check
- 5 digit red LED display
- Frequency range 0 Hz...50 kHz
- Universal Signal Input, also for Magnetic Pick-Up sensors (MPUs)
- 1 Analog Output 0/4···20 mA or 0/2···10 V (for versions D521.10, D521.12, D521.14)
- 2 Alarm Outputs as SPDT relays (for versions D521.02, D521.04, D521.12, D521.14)
- 2 Alarm Outputs as PhotoMOS relays (for versions D521.04, D521.14)
- Square wave Pulse Output
- USB 2.0 Data Interface
- Maintenance-free during lifetime, therefore minimized TCO
- Two monitors, suitably configured with their Alarm Outputs linked together, may provide a protection system with 1oo2 or 2oo2 redundancy
- Increased safety with 1oo2 architecture
- Maximum availability with 2oo2 architecture
- Universal Power Supply range 20...265 Vuc

Single Channel Monitor for measurement Speed + Detection of direction with fault indication for increased safety requirements up to SIL1

Series D225

Features

- Monitor with sensor monitoring and self-test function with plausibility check
- 5 digit red LED display
- Frequency range 0 Hz...50 kHz
- Signal Input for A5S sensors with speed and direction signal or two-phase shifted speed signals
- 1 Analog Output 0/4...20 mA
- 4 Alarm Outputs via relay contacts
- RS232 Data Interface (for version D225.11)
- PROFIBUS Data Interface (for version D225.12)
- Universal Power Supply range 20...265 Vuc

Dual Channel Monitor for measurement of speed and ratio for increased safety requirements up to SIL1

Series D224

Features

- Monitor with sensor monitoring and self-test function with plausibility check
- 5 digit red LED display
- Frequency range 0 Hz...50 kHz
- 2 Signal Inputs for connection with two A5S series sensors or
- 2 Universal Signal Inputs, also for Magnetic Pick-Up sensors (MPUs)
- 1 Analog Output 0/4...20 mA
- 4 Alarm Outputs via relay contacts
- RS232 Data Interface (for version D224.11)
- PROFIBUS Data Interface (for version D224.12)
- Universal Power Supply range 20...265 Vuc

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