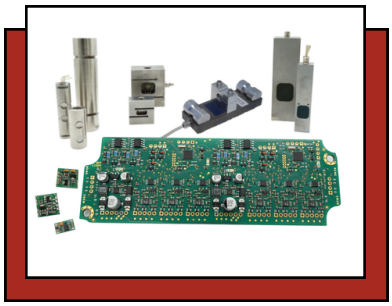
ELECTRONICS – FOR PRECISE MEASUREMENT AND MONITORING SYSTEMS

VELOMAT MESSELEKTRONIK GmbH

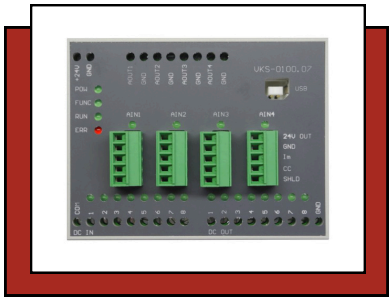
Signal processing, visualisation and control

for reliable measurement results and safe processes



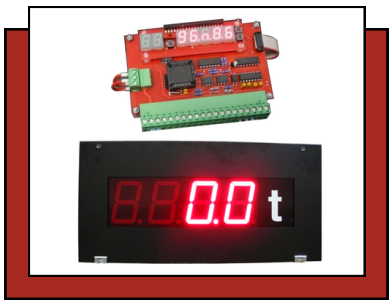
Measurement amplifier

- Processing and amplification of sensor signals for precise and interference-free further processing
- Use in complex measurement chains, from test benches to industrial plants
- Customisable amplifier solutions for a variety of sensor and system requirements
- A wide range of interfaces, such as CAN bus and ProfiBus



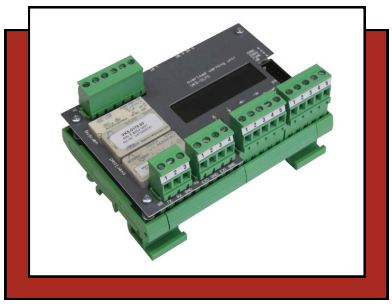
Small control systems

- Processing of measurement signals and conversion into defined control and regulation processes
- Integration into machines, systems and automated test procedures
- Flexible control solutions for customised system adaptation



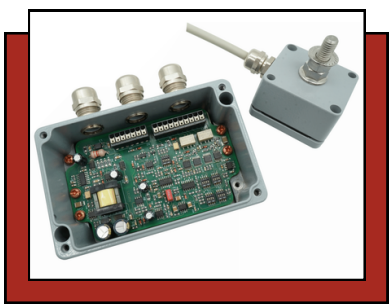
Advertisements

- Real-time visualisation of measured values, process data and system statuses
- For use directly on machines, test benches or in control and monitoring systems
- Clearly structured display units for intuitive operation and analysis



Load monitoring

- Continuous monitoring of forces and load conditions in machinery and plant
- Used to safeguard processes, machinery and safety-critical applications
- Support in ensuring compliance with defined load and limit values during operation



Vibration monitor

- Monitoring of vibration conditions to assess the condition of machinery and plant
- Early detection of imbalances, wear or critical changes in operating conditions
- Contributing to improved operational safety and plant availability

VELOMAT Messelektronik GmbH I Schwarzer Weg 23 b I 01917 Kamenz I +49 3578 3749 19 I
vertrieb@velomat.de I www.velomat.de