

MAS MATCH SYSTEMS

MEASURING ANALYSING STORING

Compact Data Acquisition Systems for
Diagnosis und Monitoring

Hardware

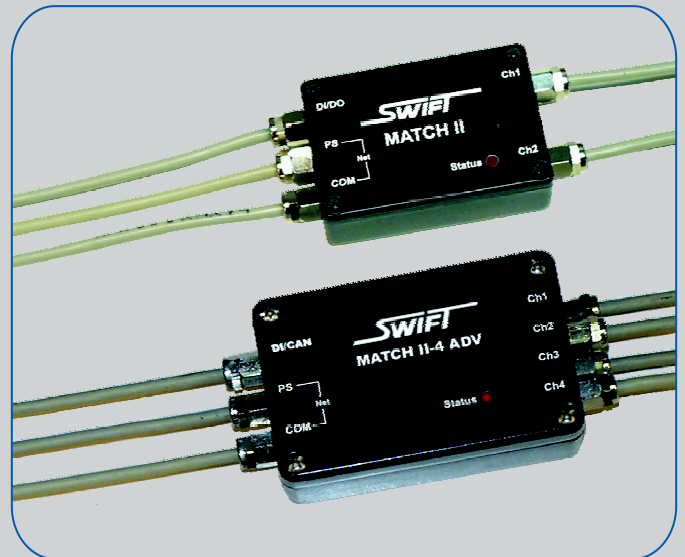
- **MAS MATCH-II**, 2 analogue channels
(in network up to 30 channels)
- **MAS MATCH-II-4**, 4 analogue channels
(in network up to 60 channels)
- **MAS MATCH-II-ADV**, 2 analogue channels
(in network up to 30 channels)
- **MAS MATCH-II-4-ADV**, 4 analogue channels
(in network up to 60 channels)

Software Evaluation Methods

- Rainflow (RF)
- Level Crossing (LC)
- Range Pair (RP)
- Time at Level multi dimensional (TaL, TaLnd)
- Transient Mode (TM)
- Recording of Sequential Peaks and Troughs (SQTMS)
- Individual methods on request

Options MATCH-II-ADV

- CAN Bus connection
- Double data transmission rate via RS232 (57,600 Baud)
- Higher sampling frequencies up to 10 kHz per channel
(5 kHz with MAS MATCH-II-4-ADV)



Features/Options

- 2 digital inputs
- Software controlled gain and offset
- Remote control via modem or wireless using cellular phone (GSM)
- Automatic Data Transfer to PC
- Fast Data Transfer via USB to PC
- Small and rugged aluminium casing

Typical Applications

- Long Term Measurements
- Fatigue Life Time Estimations
- Performance Testing
- Test Bench Supervision
- Quality Assurance
- **Remote monitoring of inaccessible objects via GSM**
- Product Supervision
- Safety Monitoring

Used in Industry and Research

- **Wind Turbines**
 - Loads and torsion of Rotor blades
 - Loads of the tower base
 - Mechanical stress of tower wall
- Construction Site Equipment
- Cars and Trucks
- Motorcycles
- Forging Presses
- Agricultural Machinery

