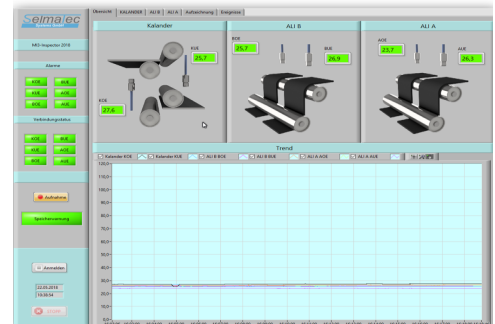


BENEFITS

- Early detection of process anomalies
- Ideal for process optimization (adjustment of setpoint temperature curve)
- Intuitive software layout
- Archiving of the temperature curves / alarms
- Measurement point visualization customizable
- Open system layout for measuring points or software extensions
- Interface connection e.g. via OPC to customer controls



DESCRIPTION

Our **MI-Inspector system** enables a reliable thermal adherence to process instructions, including an automated inline alerting/unload demand in case of nonobservance of the adjustable temperature frames.

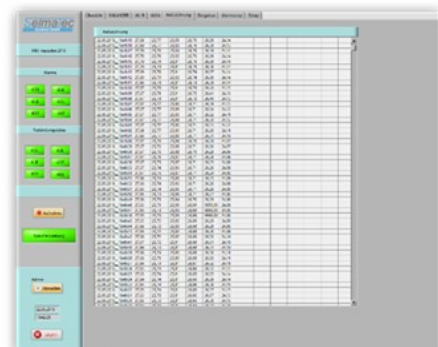
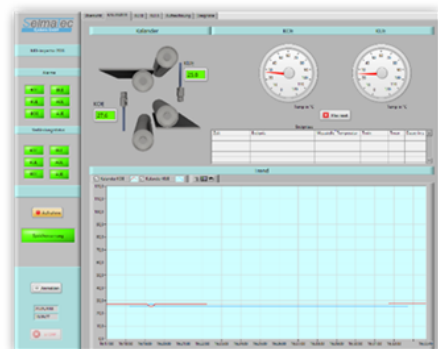
The MI-Inspector system can be used to monitor various production facilities, as the system is manually adapted to the customer's requirements.

By integrating process data via OPC, anomalies can be clearly assigned to orders and running meters. A web server visualizes the data acquisition software on the entire intranet if required.

For Industry 4.0 applications, various incycle telegrams are available for communication with higher-level systems. Thanks to the open system layout, further hardware and software functions as well as additional sensors can be retrofitted at any time if required.

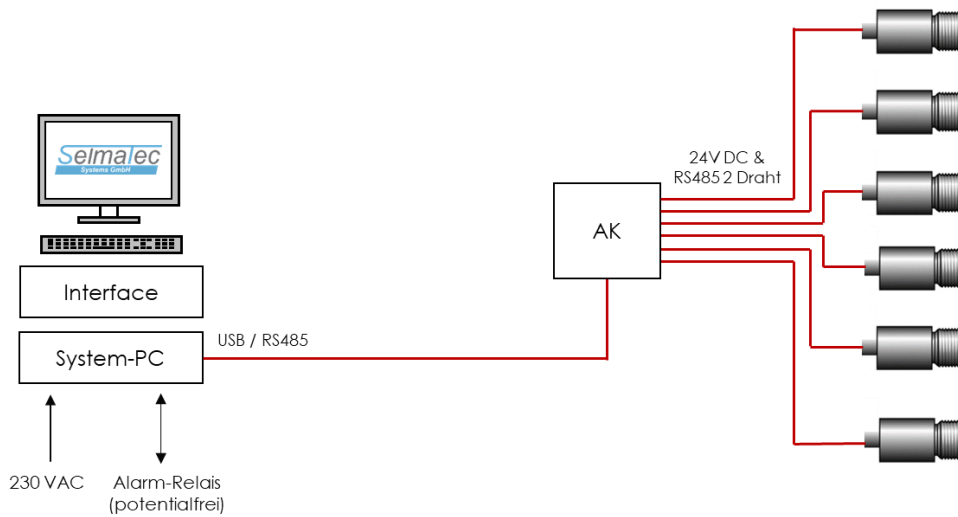
MEASUREMENT PARAMETERS

| | |
|----------------------------|--|
| Temperature range | -40 ... 1800 °C |
| Emissivity | 0,1 ... 1,0 digital adjustable |
| Spectral range | 8 -14 µm / 5 µm / 1,6 µm / 1 µm |
| Optical resolution | 2:1 ... 100:1 |
| Response time | 10 ... 130 ms |
| Possible interfaces | RS485, Modbus, Profibus, Ethernet, Profinet, OPC |
| Power supply | 230 VAC |
| Scope of delivery | Sensor unit, interface, system computer incl. software, input devices, documentation |



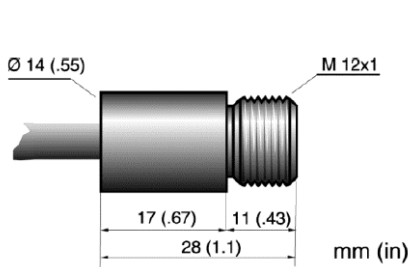
SYSTEM LAYOUT

- There is a wide range of options
- The system is flexible and easily expandable and therefore well adaptable to individual needs

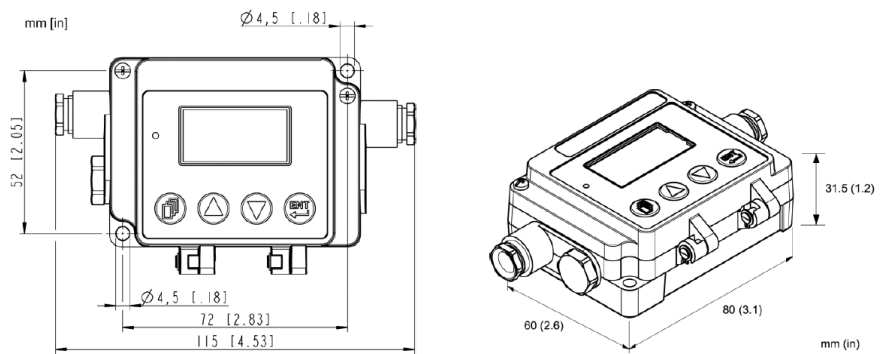


DIMENSIONS

SENSING HEAD



COMMUNICATION UNIT



AIR PURGE UNIT

