

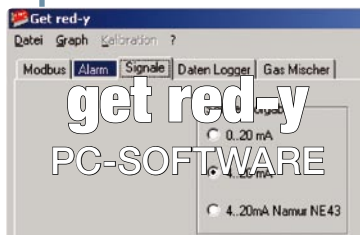
RED-Y SMART WITH FIELDBUS-COMMUNICATION

Thermal Mass Flow Meters and Controllers for Gases

PROFIBUS PROFIBUS DP



MODBUS MODBUS RTU & analog



«red-y smart» Benefits

- Insensitive to pressure and temperature
- Stable and reliable CMOS sensor
- Very high accuracy
- Turndown ratio 1:100
- Real gas calibration
- Digital and analog interface
- Short response time
- 3-year warranty

PROFIBUS-Connection

Profibus DP Slave

- Transmission speed max. 12 Mbaud
- Max. Buslength:
 - 1200m at 9,6 kbaud
 - 1000m at 187 kbaud
 - 100m at 12 Mbaud
- Galvanic Isolation 1000V
- Addressing and Configuration with MODBUS/«get red-y» Software
- Selectable Device Parameters: Flow, Setpoint, etc. (30 Parameters)
- I+M Functions integrated Identification and Maintenance
- 244 Bytes I/O available
- Sub-D-9 Connector

MODBUS-Connection

MODBUS RTU

- RS485 2- or 4-Wire
- Supply 24 Vdc (18 – 30 Vdc)
- Addressing and Configuration with «get red-y» Software
- Sub-D-9 Connector