

Datasheet OM 2002

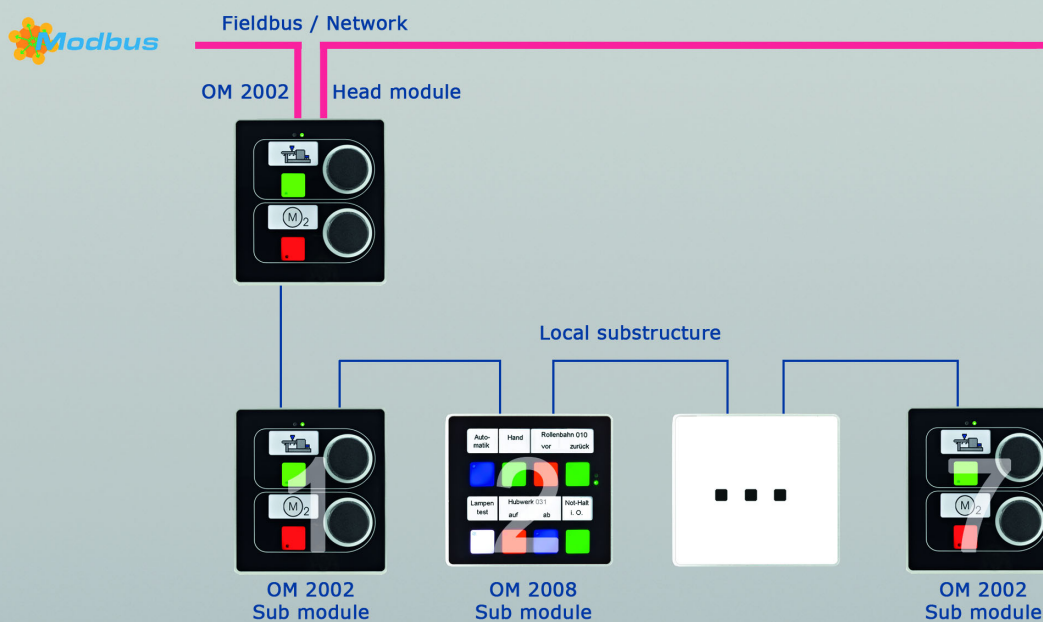


- Operation module with 2 illuminated buttons and 2 rotary pulse encoder
- Flexible due to optional fieldbus interface:
- Modbus® RTU
- Multicolored LED luminous keys with adjustable brightness, energy-efficient and durable
- Robust short-stroke keys
- Optimized for low power consumption
- Easy-to-handle push-in strips for individual labeling
- Locally expandable with up to 8 Sub modules at one bus node

Technical Data

| Buttons | |
|--|--|
| Short-stroke keys with push-in strips | 2 |
| LED 5-colored (red, green, yellow, blue and white) | 2 |
| Status LED | 2 plus 2 additional info LED |
| Rotary pulse encoder | 2 |
| Interfaces | |
| Resotec module bus (max 7 Sub modules) | 2 x RJ45, max. bus length |
| Sub modules | |
| OM 2008 | 8 keys |
| OM 2002 | 2 keys, 2 rotary pulse encoder |
| Fieldbus interfaces | |
| Modbus® RTU ¹⁾ | Module (option), 1 x 9-pol SUB-D |
| Electrical Connection | |
| Power supply | 24 V DC, -15 % to +20 % acc. to EN 61131-2 |
| Current drawn | < 100 mA |
| Power consumption | Approx. 2,5 W |
| Protection | |
| Front | IP 65 acc. to EN 60529 |
| Rear | IP 20 acc. to EN 60529 |

| Environmental Conditions | |
|-----------------------------------|---|
| Operating temperature | 0 to 55 °C |
| Storage temperature | -20 to 60 °C |
| Relative humidity | < 80 % |
| Housing | |
| Overall dimensions (W x H) in mm | 115 x 125 |
| Cut-out dimensions (W x H) in mm | 105 ⁻² x 115 ⁻² |
| Mounting depth | Approx. 50 mm without connector |
| Front panel | Aluminum front panel with design foil |
| Housing lid | Stainless steel |
| Weight | Approx. 0,5 kg |
| Certificates and Approvals | |
| CE conformity | EN 61000-6-4 emission EN 61000-6-2 immunity |
| Order no OM 2002 | |
| 92605 0002 | Frame silver, foil black, Head module Modbus [®] RTU Slave (RS485) |
| 92605 0010 | Frame silver, foil black, Sub module |
| 92605 1002 | Frame black, foil gray, Head module Modbus [®] RTU Slave (RS485) |
| 92605 1010 | Frame black, foil gray, Sub module |



Also mixed operation with OM 2008 possible

¹⁾ Modbus[®] is a registered trademark of Schneider Electric and is licensed by Modbus[®] Organization, Inc.