

Datasheet OM 2002

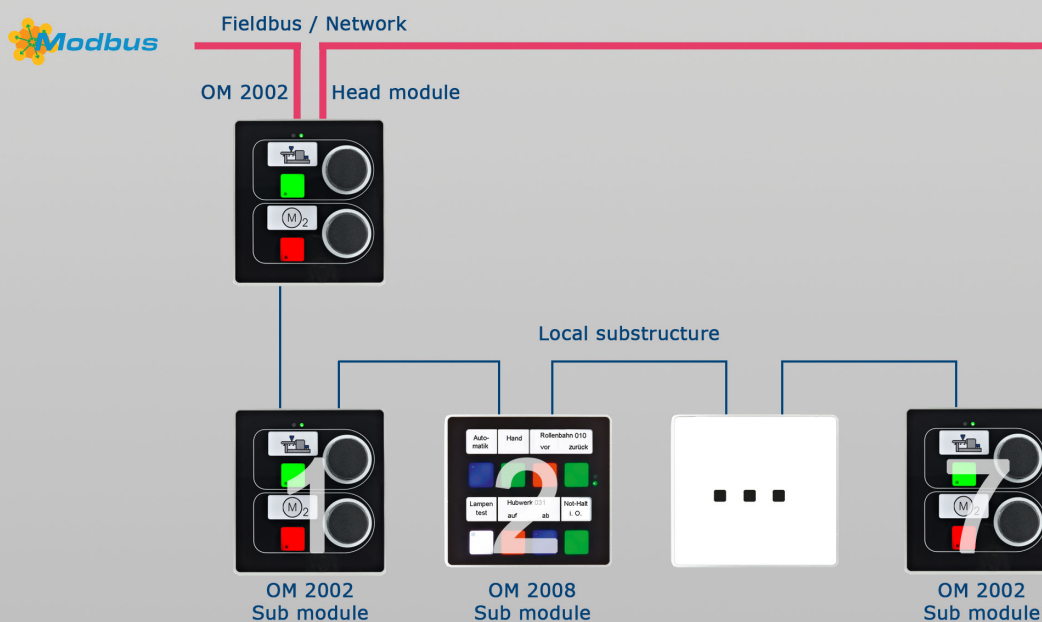


- Operation module with 2 illuminated buttons and 2 rotary pulse encoder
- Flexible due to optional fieldbus interface:
- Modbus® RTU
- Multicolored LED luminous keys with adjustable brightness, energy-efficient and durable
- Robust short-stroke keys
- Optimized for low power consumption
- Easy-to-handle 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 IEC 1131-2
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

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