Control Unit
VoluMEL

BB1C002
Part Number

- **Application-optimized software for volumetric measurement with 2D/3D Profile Sensors**
- **Compact housing**
- **Control unit with installed VoluMEL software**
- **Passive, fan-free cooling**

The control unit is shipped with installed wenglor software and is ready for use immediately after installation. An Ethernet port, a digital I/O or an RS-232 port can be used for data read-out at the control unit. The compact housing ensures the necessary flexibility for easy, space-saving installation, for example in a control cabinet or on a wall. Extensive accessories such as keyboard, monitor and various mounting systems are available as options as well.

Technical Data

Electrical Data	
Supply Voltage	18...36 V DC
Current Consumption (Ub = 24 V)	< 2,2 A
Temperature Range	0...40 °C
Switching Output Voltage Drop	< 2,5 V
PNP Switching Output/Switching Current	100 mA
Electrical Isolation	yes
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Switching Outputs	8
Digital Inputs	8
Number of RS-232 interfaces	1
Number of USB 2.0 interfaces	2
Number of USB 3.0 interfaces	2
Number of Gigabit Ethernet RJ45	2
Number of DVI ports	1
Number of display port interfaces	1
Number of VGA ports	1
Protection Class	III
Mechanical Data	
Housing Material	Metal
Degree of Protection	IP50
Wall mounting	yes
Function	
Volumetric measurement	yes
Software	VoluMEL
Processor	Intel® Core i7
Cycle rate	2,3 GHz
RAM	8 GB
Hard disk	250 GB SSD

RS-232 Interface	●
Ethernet	●
Digital I/O	●
USB Interface	●
DVI-D port	●
VGA Connection	●
Display port connection	●
Suitable Mounting Technology No.	**521**

Complementary Products

2D/3D Profile Sensors MLSL/MLWL
Key Pad Z0044
Monitor ZNNG026
Switch ZAC45FN01

All dimensions in mm (1 mm = 0.03937 Inch)