

VARAN Demo Board VEB 022



Versatile Automation Random Access Network

The VARAN VEB 022 demo board provides VARAN users and sensor/actuator manufacturers with simple hardware so that they can implement this bus system in their products quickly and easily.

The VEB 011 client board is simply connected to the demo board and the VARAN bus to RJ45 socket!

Caution!

When operating the demo board, the user must be grounded through an armband or something similar! Otherwise, the electronics can be destroyed by electrostatic discharge!

Electrical requirements

Supply voltage	10 – 30V DC	
Voltage from external supply	+12V for internal supplies (optional)	
Supply from VARAN bus	+24V for internal supplies	
Current consumption on the VARAN bus (+24V supply)	typically 90mA	maximum 110mA
If the +24V supply is not set over the VARAN bus, an external +12V power supply must be connected to plug X2!		
Current consumption of the external supply (+12V supply)	typically 150mA	maximum 200mA
Status display	LED	
+3V3 for external applications (connectable by a strip)	maximum 50mA	

Article number and miscellaneous

Article number	16-081-022	
Hardware version	1.x	
Preset mode (Mode pins)	010 DPRAM mode	
LASAL class	veb022	
Applicable 12V DC power connector	Article number: 16-081-022-Z1	

Mechanical dimensions

Circuitboard	85.0 x 85.0mm
Distance of mounting holes	69.00mm horizontal and vertical
Diameter of mounting holes	3.5mm