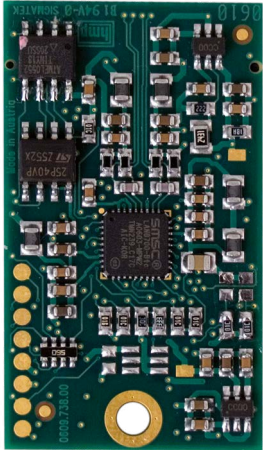


# VARAN Client Board VEB 011



The VEB 011 VARAN client board serves to easily expand all possible peripheral devices with the VARAN bus. Operating temperature 0-70 °C (commercial grade).

## Environmental Conditions

Storage temperature	-20 ... +85 °C	
Operating temperature	0-70 °C (according to component specifications) the operating temperature for the entire unit must be specifically defined for each application, as the operating conditions (mounting position, housing, heat sources in the vicinity of the VEB) are unknown. The environmental temperature of the VEB must not exceed +70 °C.	
Humidity	0-95 %, non-condensing	
EMC stability	the EMC stability has to be tested separately in the complete system for each application.	
Shock resistance	EN 60068-2-27	150 m/s <sup>2</sup>

## Performance Data

Internal memory	serial 4-Mbit Flash
Interfaces	1x VARAN (client) 1x periphery interface
Connection to periphery device	via 50-pin board-to-board plug connector, 0.8 mm spacing (type ERNI Microstac, order Nr. 114713)

## Electrical Requirements

Internal power supply (VDD)	typically +3.3 V DC (±4 %) (provided by the peripheral device via 50-pin plug connector)
Current consumption of voltage supply	minimum 250 mA (depending on the external circuit)

## Article Number and Miscellaneous

Article number	16-081-011
Hardware version	1.x