

ParkGard® Level Controller PCL-MU-X

Description

Controller for a continuous monitoring of the occupancy status of a parking garage.

The Level Controller Series PCL-MU-X is able to monitor X (1-6) bus systems with each 32 ultrasonic sensors series PU-02 via the RS 485 bus, passes its values to the central PC and also controls local bus devices such as arrow / counter / displays, etc.

The Level controller with sensor- bus-Interface handles the query and monitoring of ultrasonic sensors and their supply.

Each surface-mounted-housing can be integrated with X (1-6) controller modules.

Application

The Level controller is used in combination with ultrasonic sensors for occupancy detection of vehicles in parking lots.



Properties

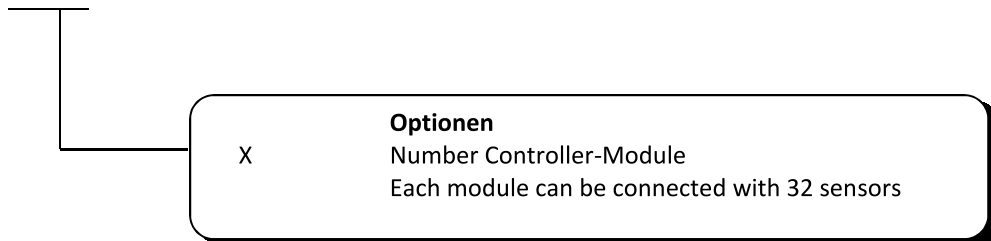
- Up to X*32 ultrasonic sensors of the PU-02-series can be connected
- Relay Module with changeover contact can be connected
- Easy and fast commissioning due to configuration with default parameters
- Easy Installation
- Subsequent installation possible
- No problems caused by sun and cold
- Flexible configuration by programmable parameters
- Micro-controlled
- For surface-mounting
- Serial interface RS-485
- Plastic housing IP65

Specifications

Elektrical properties	
Supply voltage	230V AC (PSU included)
Power	max. 460 VA
Relay (optional)	250V AC, 5 A, potential free changeover
Fault relay (optional)	250V AC, 5 A, potential free changeover
Interface	
Transceiver	RS-485 / 19200 baud
Port	32 single ultrasonic sensors PU-02
Environmental conditions	
Humidity	15 – 95 % RH non-condensing
Operating temperature	-10 °C to + 50 °C
Storage temperature	0 °C to + 50 °C
Physical Properties	
Housing	ABS plastic housing
Colour	RAL 7035
Degree of protection	IP65
Weight	2,5 kg
Mounting	Surface-mounting
Housing dimensions IP65	PCL-MU-(1-4) (W x H x D) 298 x 260 x 140 mm PCL-MU-(5-6) (W x H x D) 298 x 420 x 140 mm
Directives	EMC Directive 2004/108/EC Low Voltage Directive 73/23/EEC
Warranty	2 years

Order-Information

PCL-MU-X



Example: PCL-MU-2

Level controller with 2 modules for the management of 2*32 ultrasonic sensors power supply included.