



- Integrated display
- Connection of up to 4 read heads LS211 or LS111
- DIN rail mounting
- Integrated bus termination
- Gray code

WCS-IP111



## Technical data

### General specifications

Installation DIN rail mounting

### Electrical specifications

Operating voltage  $U_B$  24 V DC  $\pm$  20 %

Power consumption  $P_0$   $\leq$  2 W (without read heads)

### Interface 1

Connection of control system

Interface type Push-pull, parallel

Transfer rate max. 500 Updates/s

Output stage Push-pull output

Load current max. 5 mA

Data output format Gray code

### Interface 2

Connection of Reading head

Connectable read heads WCS-LS211, WCS-LS111

Interface type RS 485

Transmission method half duplex

Transfer rate max. 187.5 kBit/s

RS485 termination resistor integrated

Refresh cycle of read head 1 ms

### Input

Control input store input  
2 inputs for reading head address

### Output

Output type PNP

Signal output error condition

Rated operational current  $I_e$   $\leq$  15 mA

### Standard conformity

Emitted interference EN 55011

Noise immunity DIN EN 50082-2

### Ambient conditions

Operating temperature 0 ... 55 °C (32 ... 131 °F)

Storage temperature -40 ... 70 °C (-40 ... 158 °F)

Relative humidity  $\leq$  80 %

### Mechanical specifications

Connection type removable terminal block

Housing width 100 mm

Housing height 74 mm

Housing depth 121 mm

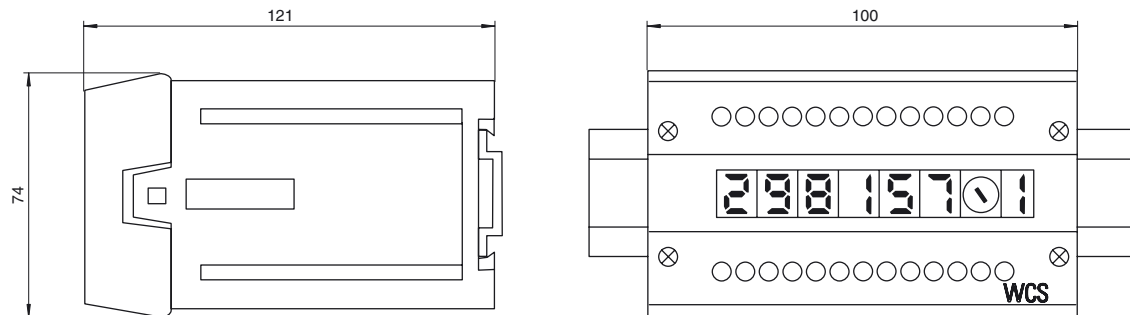
Protection degree IP20

Material plastic

Installation position any position

Mass approx. 400 g

Dimensions



Electrical connection

