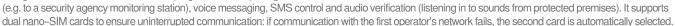


## PERFECTA 32-WRL LTE

The PERFECTA alarm control panels are designed to protect small and medium–sized premises such as apartments, single–family houses, segments in terraced houses, offices, small businesses etc. They provide protection as required by EN 50131 for Grade 2. The control panels are characterized by simple configuration as well as easy and intuitive operation using keyfobs. The alarm system functions can also be controlled remotely using the **PERFECTA CONTROL** application for mobile devices and **MPT–350** keyfobs working.

The control panel makes it possible to create wired and wireless (433 MHz frequency band) systems. Radio transmissions can be bidirectional (with wireless PRF–LCD–WRL keypads and MSP–300 R sirens) or unidirectional (with MICRA series detectors and MPT–350 keyfobs). Wireless communication allows for easy expansion of the existing system, without having to lay additional cable runs.

A cellular phone with support for LTE\* data transmission is used in the PERFECTA 32–WRL LTE model. It enables operation with a mobile application with PUSH notification capability, remote system configuration from the **PERFECTA Soft**program, event reporting





The control panel enables the system to be divided into two partitions with a choice of three arming modes (day, night, full). Each zone can be assigned to one or both supervised areas.

The system can be configured in two ways: from a computer with PERFECTA Soft program installed (locally – connection via RS-232 (TTL) port, remotely – using data transmission over the cellular network\*), as well as from the keypad, using key sequences in the service menu.

- compliance with EN 50131 Grade 2
- from 8 to 32 programmable hardwired zones:
  - $\circ\,$  configuration options: NO, NC, EOL, 2EOL/NO, 2EOL/NC
  - $\circ\,$  support for roller shutter and vibration detectors
- from 4 to 12 programmable hardwired outputs
- 2 power outputs on the mainboard
- additional 4 wireless outputs for operating MSP-300 wireless sirens
- built-in modules
  - $\circ \ \ \text{cell phone with 2 nano-SIM slots (SMS, reporting to monitoring station, mobile application, PUSH notifications)}$
  - $\circ\,$  voice (playback of voice messages for the telephone notification)
  - o audio alarm verification (listening in)
  - o 433 MHz radio module
- integrated radio module operating at 433 MHz, supporting encrypted wireless communication:
  - bidirectional with PRF-LCD-WRL keypads and MSP-300 R sirens
  - unidirectional with MICRA series detectors, MPT-350 keyfobs and MRU-300 radio signal repeaters
- system division into 2 partitions:
  - o 3 arming modes in each partition
  - o option to assign a zone to two partitions
  - o user-controlled or timer-controlled
- communication bus for connecting keypads (PRF-LCD), expansion modules (INT-E, INT-O, INT-ORS)





- · system control using:
  - PRF-LCD or PRF-LCD-WRL keypads (up to 4)
  - PERFECTA CONTROL mobile application
  - MPT-350 keyfobs (up to 15)
- firmware updates available
- passwords:
  - 15 user codes
  - 1 service code
- · editable names (of users, partitions, zones, outputs and modules) for easy control and supervision of the system
- 8 timers with exceptions setting capability
- memory of 3584 events
- automatic diagnostics of the system main components
- built-in switch-mode power supply:
  - o over-current protection
  - o battery deep discharge protection
  - o battery charging current control
- programming control panel settings:
  - o locally keypad or computer with PERFECTA Soft program installed, connected to the control panel RS 232 (TTL) port
  - ∘ remotely computer with PERFECTA Soft program installed, connecting to the control panel via LTE\*

Programmable wired outputs         4           Maximum number of programmable outputs         16           Supplying outputs         2           Communication buses         1           Keypades         up to 4           Security grade according to EN 50131         Grade 2           Recommended transformer         40 VA           Clares         15           Current-carrying capacity of KPD output         500 mA/ 12 VDC           Maximum number of programmable inputs         32           Eattery charging current         500 mA           Power supply output words         12 VDC 18%           Power supply output words         2 A           Elephone numbers for notification         8           Power supply output current         2 A           Low current programmable outputs rating         50 mA/ 12 VDC           AUX output         150 mA/ 12 VDC           Record for programmable high-current outputs         150 mA/ 12 VDC           Record for programmable outputs rating	Output voltage range	10,5 V14 V DC
Supplying outputs         1           Communication buses         1           Keypads         up to 4           Security grade according to EN 50131         Grade 2           Recommended transformer         40 VA           Users         15           Current-carrying capacity of KPD output         50 mAn 12 VDC           Maximum number of programmable inputs         32           Eattery charging current         500 mA           Power supply output voltage         12 VDC ±15%           Telephone numbers for notification         8           Power supply output voltage         2           Current-carrying capacity of programmable be outputs rating         2           Current-programmable outputs rating         25 mAn /12 VDC           Current-programmable outputs rating         150 mAn /12 VDC           Current-carrying capacity of programmable high-current outputs         100 mAn /12 VDC           Value output         150 mAn /12 VDC           Value output         150 mAn /12 VDC           Standay current draw from battery         150 mAn /12 VDC           Weight         150 mAn /12 VDC           Partitions         2           Fewer togs         150 mAn /12 VDC           Partitions         18 <td< td=""><td>Programmable wired outputs</td><td>4</td></td<>	Programmable wired outputs	4
Communication buses         1           Keypads         upto 4           Security grade according to EN 50131         Grade 2           Recommended transformer         40 VA           Users         15           Current-carrying capacity of KPD output         500 mA/ 12V DC           Maximum number of programmable inputs         32           Battery charging current         500 mA           Owner supply output voltage         12V DC ±15%           Telephone numbers for notification         8           Power supply output current         2 A           Low current programmable outputs rating         25 mA / 12V DC           User supply output current         25 mA / 12V DC           User supply output current of supply output current of programmable high-current outputs         1000 mA / 12V DC           User supply output current of supply output current or supply output current outputs         500 mA / 12V DC           User supply output current or supply output current or supply output current or supply output for programmable high-current outputs         150 mA           Weight         500 mA / 12V DC           Standby router drawn from battery         15 mA           Weight         15 ma           Sevent log         35 mA           Post log         15 mA           S	Maximum number of programmable outputs	16
Keypads         up to 4           Security grade according to EN 50131         Grade 2           Recommended transformer         40 VA           Users         15           Current-carrying capacity of KPD output         500 mA/12 VDC           Maximum number of programmable inputs         32           Battery charging current         500 mA           Power supply output voltage         12 VDC ±15%           Telephone numbers for notification         8           Power supply output current         2 A           Low current programmable outputs rating         5 mA/12 VDC           Low current programmable outputs rating         5 mA/12 VDC           AUX output         500 mA/12 VDC           AUX output         150 mA           Veglyth         150 mA           Event log         3594           Event log         3594           Event log         3594           Event log         8           Board dimensions         160 x110 mm mm           Operating temperature range         10 x85 vC           Supply votage (±15%)         18 V AC, 50 e61 k2           Standardy mode current consumption         450 mA           Max. current consumption         65 mA/12 vDC           Voice	Supplying outputs	2
Security grade according to EN 50131         Grade 2           Recommended transformer         40 VA           Users         15           Current-carrying capacity of KPD output         500 mA/ 12 VDC           Maximum number of programmable inputs         32           Battery charging current         500 mA           Power supply output voltage         12 VDC ±15%           Telephone numbers for notification         8           Power supply output current         2 A           Low current programmable outputs rating         25 mA/ 12 VDC           Current-carrying capacity of programmable high-current outputs         1000 mA/ 12 VDC           Current-carrying capacity of programmable high-current outputs         150 mA           AUX output         150 mA           Standby current draw from battery         150 mA           Beard idlensions         155 q           Event log         3584           Paratitions         2           Event log         3584           Board dimensions         160 x 110 mm rm           Operating temperature range         10 - 455° C           Supply voltage (±15%)         180 x 10 mm           Standby under current consumption         240 mA           Maximum humidity         93:35%	Communication buses	1
Recommended transformer         40 VA           Users         15           Current-carrying capacity of KPD output         500 mA /12V DC           Maximum number of programmable inputs         32           Battery charging current         500 mA           Power supply output voltage         12 V DC ±15%           Telephone numbers for notification         8           Power supply output current         2 A           Current-carrying capacity of programmable outputs rating         25 mA/12V DC           Current-carrying capacity of programmable high-current outputs         1000 mA/12V DC           AUX output         500 mA/12V DC           Standby current flow from battery         150 mA           Veilight         150 mA           Even Log         384           Partitions         384           Partitions         8           Insert         8           Board dimensions         160 x 110 mm mm           Operating temperature range         160 x 110 mm mm           Operating temperature range         180 x A 15, 50 c0 ft x           Standby mode current consumption         240 mA           Maximum humidity         9313%           State power for voltage (£17%)         10,5 V           Operating frequenc	Keypads	up to 4
Users         15           Current-carrying capacity of KPD output         500mA/12VDC           Maximum number of programable inputs         32           Battery charging current         500 mA           Power supply output voltage         12 VDC 215%           Telephone numbers for notification         8           Power supply output current         2 A           Low current programmable outputs rating         25 mA/12 VDC           Current-carrying capacity of programmable high-current outputs         1000 mA/12 VDC           Current-carrying capacity of programmable high-current outputs         150 mA           AUX output         150 mA           Standally current draw from battery         150 mA           Weight         150 mA           Event log         3584           Partitions         8           Board dimensions         160 x110 mm m           Operating temperature range         1-0-45° C           Supply voltage (±15%)         18 VAC.50 60 Hz           Standally mode current consumption         240 mA           Max. current consumption         630 mA           Volee messages         16           Battery failure voltage (±10%)         11.0 y           Battery failure voltage (±10%)         43305 x437,9 MHz	Security grade according to EN 50131	Grade 2
Current-carrying capacity of KPD output         500 m//12 V DC           Maximum number of programmable inputs         32           Battery charging current         500 mA           Power supply output voltage         12 V DC ±15%           Telephone numbers for notification         8           Power supply output current         2 A           Low current programmable outputs rating         25 mA/12 V DC           Current-carrying capacity of programmable high-current outputs         100 mA/12 V DC           AUX output         500 mA/12 V DC           Standby current draw from battery         150 mA           Velight         154 g           Event log         3884           Partitions         2           Timers         8           Board dimensions         160 x 110 mm rm           Operating temperature range         10 x +55° C           Supply voltage (±15%)         18 V AC, 50-60 l½           Standby mode current consumption         630 mA           Voice messages         16           Maximum humidity         93:3%           Battery cut-off voltage (±15%)         11 V           Battery cut-off voltage (±10%)         10.5 V           Operating frequency band         423:05.5 x 43,79 MHz           Ra	Recommended transformer	40 VA
Maximum number of programmable inputs         32           Battery charging current         500 mA           Power supply output voltage         12 V DC ±15%           Telephone numbers for notification         8           Power supply output current         2 A           Low current programmable outputs rating         25 mA /12 V DC           Current-carrying capacity of programmable high-current outputs         1000 mA /12 V DC           AUX output         500 mA /12 V DC           Standby current draw from battery         150 mA           Weight         154 g           Event log         3584           Partitions         2           Timers         8           Board dimensions         160 x 110 mm mm           Operating temperature range         10.x 55° C           Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         630 mA           Wax. current consumption         630 mA           Volce messages         16           Max. current consumption         93:5%           Battery failure voltage (±10%)         10,5 V           Operating frequency band         433,05 ± 434,79 MHz           Rattery curlent for supplication can ge (in open area)         x24 mm.	Users	15
Battery charging current         500 mA           Power supply output voltage         12 V DC ±15%           Telephone numbers for notification         8           Power supply output current         2 A           Low current programmable outputs rating         25 mA / 12 V DC           Current-carrying capacity of programmable high-current outputs         1000 mA / 12 V DC           AUX output         500 mA / 12 V DC           Standby current draw from battery         150 mA           Weight         154 g           Event log         384           Partitions         2           Timers         8           Board dimensions         160 x 110 mm mm           Operating temperature range         10 x 45° C           Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         240 mA           Max. current consumption         630 mA           Voice messages         16           Maximum humidity         93:3%           Battery failure voltage (±10%)         11 V           Operating frequency band         430,5x 43x 79 MHz           Red communication range (in open area)         420 cm           Environmental class according to ENS0130-5         II           Maximum cur	Current-carrying capacity of KPD output	500 mA / 12 V DC
Power supply output voltage         12 V DC ± 15%           Telephone numbers for notification         8           Power supply output current         2 A           Low current programmable outputs rating         25 mA / 12 V DC           Current-carrying capacity of programmable high-current outputs         1000 mA / 12 V DC           AUX output         500 mA / 12 V DC           Standby current draw from battery         150 mA           Weight         154 g           Event log         3584           Partitions         2           Timers         8           Board dimensions         2           Operating temperature range         10+55° C           Supply vottage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         630 mA           Voice messages         16           Wasimum fumility         93:3%           Battery failure voltage (±10%)         11 V           Battery failure voltage (±10%)         10,5 V           Operating frequency band         433,05 ±43,79 MHz           Radio communication range (in open area)         wzależności od urządzenia m           Environmental class according to ENS0130-5         II           Maximum current consumption from the battery         450 mA	Maximum number of programmable inputs	32
Telephone numbers for notification         8           Power supply output current         2 A           Low current programmable outputs rating         25 mA/12 V DC           Current-carrying capacity of programmable high-current outputs         1000 mA/12 V DC           AUX output         500 mA/12 V DC           Standby current draw from battery         150 mA           Weight         154 g           Event log         3584           Partitions         2           Timers         8           Board dilmensions         160 x 110 mm mm           Operating temperature range         -10 - +55° C           Supply voltage (±15%)         18 V AC, 50+60 Hz           Standby mode current consumption         240 mA           Max. current consumption         630 mA           Voice messages         16           Maximum humidity         93:33%           Battery failure voltage (±10%)         11 V           Battery failure voltage (±10%)         10,5 V           Operating frequency band         433(0s + 434,79 MHz           Radio communication range (in open area)         w zalezhości od urządzenia m           Environmental class according to EN5010-5         II           Maximum current consumption from tthe battery         450 mA	Battery charging current	500 mA
Power supply output current         2 A           Low current programmable outputs rating         25 mA / 12 V DC           Current-carrying capacity of programmable high-current outputs         1000 mA / 12 V DC           AUX output         500 mA / 12 V DC           Standby current draw from battery         150 mA           Weight         154 g           Event log         3584           Partitions         2           Timers         8           Board dimensions         160x110 mm rm           Operating temperature range         -10+55°C           Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         240 mA           Max. current consumption         630 mA           Voice messages         16           Maximum humidity         93:3%           Battery failure voltage threshold (±10%)         11 V           Battery cut-off voltage (±10%)         10,5V           Operating frequency band         43:05:434,79 MHz           Radio communication range (in open area)         x2alexnost oid uzaqtzenia m           Environmental class according to ENS0130-5         II           Maximum current consumption from the battery         450 mA	Power supply output voltage	12 V DC ±15%
Low current programmable outputs rating         25 m/12 V DC           Current-carrying capacity of programmable high-current outputs         1000 mA/12 V DC           AUX output         500 mA/12 V DC           Standby current draw from battery         150 mA           Weight         154 g           Event log         3584           Partitions         2           Timers         8           Board dimensions         160 x 110 mm mm           Operating temperature range         -10+55° C           Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         240 mA           Max. current consumption         630 mA           Volce messages         16           Maximum humidity         93±3%           Battery failure voltage threshold (±10%)         11 V           Battery tailure volt-off voltage (±10%)         10,5 V           Operating frequency band         433,05 ÷ 434,79 MHz           Radio communication range (in open area)         w zależności od urządzenia m           Environmental class according to EN50130-5         II           Maximum current consumption from the battery         450 mA	Telephone numbers for notification	8
Current-carrying capacity of programmable high-current outputs         1000 mA/12 V DC           AUX output         500 mA/12 V DC           Standby current draw from battery         150 mA           Weight         154 g           Event log         3584           Partitions         2           Timers         8           Board dimensions         160 x 110 mm mm           Operating temperature range         10+55° C           Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         630 mA           Voice messages         16           Maximum humidity         93±3%           Battery failure voltage threshold (±10%)         11 V           Battery cut-off voltage (±10%)         30,5 × 434,79 MHz           Audio communication range (in open area)         wzależności od uządzenia m           Environmental class according to EN50130-5         II           Maximum current consumption from the battery         450 mA	Power supply output current	2 A
AUX output         500 mA / 12 V DC           Standby current draw from battery         150 mA           Weight         154 g           Event log         3584           Partitions         2           Timers         8           Board dimensions         160x 110 mm mm           Operating temperature range         -10+55° C           Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         240 mA           Max. current consumption         630 mA           Voice messages         16           Maximum humidity         93±3%           Battery failure voltage threshold (±10%)         11 V           Battery cut-off voltage (±10%)         10,5 V           Operating frequency band         430,05 ± 434,79 MHz           Radio communication range (in open area)         w zależności od urządzenia m           Environmental class according to EN50130-5         II           Maximum current consumption from the battery         450 mA	Low current programmable outputs rating	25 mA / 12 V DC
Standby current draw from battery         150 mA           Weight         154 g           Event log         3584           Partitions         2           Timers         8           Board dimensions         160 x 110 mm mm           Operating temperature range         -10+55° C           Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         240 mA           Max. current consumption         630 mA           Voice messages         16           Maximum humidity         93±3%           Battery failure voltage threshold (±10%)         11 V           Battery cut-off voltage (±10%)         10,5 V           Operating frequency band         433,05 ÷ 434,79 MHz           Radio communication range (in open area)         w zaleźności od urządzenia m           Environmental class according to EN50130-5         II           Maximum current consumption from the battery         450 mA	Current-carrying capacity of programmable high-current outputs	1000 mA / 12 V DC
Weight         154 g           Event log         3584           Partitions         2           Timers         8           Board dimensions         160x110 mm mm           Operating temperature range         -10455°C           Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         240 mA           Max. current consumption         630 mA           Voice messages         16           Maximum humidity         93±3%           Battery failure voltage threshold (±10%)         11 V           Battery cut-off voltage (±10%)         10,5 V           Operating frequency band         433,05÷434,79 MHz           Radio communication range (in open area)         w zależności od urządzenia m           Environmental class according to EN50130-5         II           Maximum current consumption from the battery         450 mA	AUX output	500 mA / 12 V DC
Event log         3584           Partitions         2           Timers         8           Board dimensions         160 x 110 mm mm           Operating temperature range         -10+55° C           Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         240 mA           Max. current consumption         630 mA           Voice messages         16           Maximum humidity         93±3%           Battery failure voltage threshold (±10%)         11 V           Battery cut-off voltage (±10%)         10,5 V           Operating frequency band         433,05 ± 434,79 MHz           Radio communication range (in open area)         w zaleźności od urządzenia m           Environmental class according to EN50130-5         II           Maximum current consumption from the battery         450 mA	Standby current draw from battery	150 mA
Partitions         2           Timers         8           Board dimensions         160 x110 mm mm           Operating temperature range         -10+55°C           Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         240 mA           Max. current consumption         630 mA           Voice messages         16           Maximum humidity         93±3%           Battery failure voltage threshold (±10%)         11 V           Battery cut-off voltage (±10%)         10,5 V           Operating frequency band         433,05÷434,79 MHz           Radio communication range (in open area)         w zaleźności od urządzenia m           Environmental class according to EN50130-5         II           Maximum current consumption from the battery         450 mA	Weight	154 g
Timers         8           Board dimensions         160 x 110 mm mm           Operating temperature range         -10+55° C           Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         240 mA           Max. current consumption         630 mA           Voice messages         16           Maximum humidity         93±3%           Battery failure voltage threshold (±10%)         11 V           Battery cut-off voltage (±10%)         10,5 V           Operating frequency band         433,05 ÷ 434,79 MHz           Radio communication range (in open area)         w zależności od urządzenia m           Environmental class according to EN50130-5         II           Maximum current consumption from the battery         450 mA	Event log	3584
Board dimensions         160x110 mm mm           Operating temperature range         -10+55° C           Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         240 mA           Max. current consumption         630 mA           Voice messages         16           Maximum humidity         93±3%           Battery failure voltage threshold (±10%)         11 V           Battery cut-off voltage (±10%)         10,5 V           Operating frequency band         433,05 ÷ 434,79 MHz           Radio communication range (in open area)         w zaleźności od urządzenia m           Environmental class according to EN50130-5         II           Maximum current consumption from the battery         450 mA	Partitions	2
Operating temperature range         -10+55° C           Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         240 mA           Max. current consumption         630 mA           Voice messages         16           Maximum humidity         93±3%           Battery failure voltage threshold (±10%)         11 V           Battery cut-off voltage (±10%)         10,5 V           Operating frequency band         433,05 ÷ 434,79 MHz           Radio communication range (in open area)         w zaleźności od urządzenia m           Environmental class according to EN50130-5         II           Maximum current consumption from the battery         450 mA	Timers	8
Supply voltage (±15%)         18 V AC, 50-60 Hz           Standby mode current consumption         240 mA           Max. current consumption         630 mA           Voice messages         16           Maximum humidity         93±3%           Battery failure voltage threshold (±10%)         11 V           Battery cut-off voltage (±10%)         10,5 V           Operating frequency band         433,05 ÷ 434,79 MHz           Radio communication range (in open area)         w zależności od urządzenia m           Environmental class according to EN50130-5         II           Maximum current consumption from the battery         450 mA	Board dimensions	160 x 110 mm mm
Standby mode current consumption       240 mA         Max. current consumption       630 mA         Voice messages       16         Maximum humidity       93±3%         Battery failure voltage threshold (±10%)       11 V         Battery cut-off voltage (±10%)       10,5 V         Operating frequency band       433,05 ÷ 434,79 MHz         Radio communication range (in open area)       w zależności od urządzenia m         Environmental class according to EN50130-5       II         Maximum current consumption from the battery       450 mA	Operating temperature range	-10+55°C
Max. current consumption       630 mA         Voice messages       16         Maximum humidity       93±3%         Battery failure voltage threshold (±10%)       11 V         Battery cut-off voltage (±10%)       10,5 V         Operating frequency band       433,05 ÷ 434,79 MHz         Radio communication range (in open area)       w zależności od urządzenia m         Environmental class according to EN50130-5       II         Maximum current consumption from the battery       450 mA	Supply voltage (±15%)	18 V AC, 50-60 Hz
Voice messages     16       Maximum humidity     93±3%       Battery failure voltage threshold (±10%)     11 V       Battery cut-off voltage (±10%)     10,5 V       Operating frequency band     433,05 ÷ 434,79 MHz       Radio communication range (in open area)     w zależności od urządzenia m       Environmental class according to EN50130-5     II       Maximum current consumption from the battery     450 mA	Standby mode current consumption	240 mA
Maximum humidity     93±3%       Battery failure voltage threshold (±10%)     11 V       Battery cut-off voltage (±10%)     10,5 V       Operating frequency band     433,05 ÷ 434,79 MHz       Radio communication range (in open area)     w zależności od urządzenia m       Environmental class according to EN50130-5     Il       Maximum current consumption from the battery     450 mA	Max. current consumption	630 mA
Battery failure voltage threshold (±10%)     11 V       Battery cut-off voltage (±10%)     10,5 V       Operating frequency band     433,05 ÷ 434,79 MHz       Radio communication range (in open area)     w zależności od urządzenia m       Environmental class according to EN50130-5     II       Maximum current consumption from the battery     450 mA	Voice messages	16
Battery cut-off voltage (±10%)     10,5 ∨       Operating frequency band     433,05 ÷ 434,79 MHz       Radio communication range (in open area)     w zależności od urządzenia m       Environmental class according to EN50130-5     II       Maximum current consumption from the battery     450 mA	Maximum humidity	93±3%
Operating frequency band     433,05 ÷ 434,79 MHz       Radio communication range (in open area)     w zależności od urządzenia m       Environmental class according to EN50130-5     II       Maximum current consumption from the battery     450 mA	Battery failure voltage threshold (±10%)	11 V
Radio communication range (in open area)     w zależności od urządzenia m       Environmental class according to EN50130-5     II       Maximum current consumption from the battery     450 mA	Battery cut-off voltage (±10%)	10,5 V
Environmental class according to EN50130-5 II  Maximum current consumption from the battery 450 mA	Operating frequency band	433,05 ÷ 434,79 MHz
Maximum current consumption from the battery 450 mA	Radio communication range (in open area)	w zależności od urządzenia m
	Environmental class according to EN50130-5	II
Programmable wired inputs 8	Maximum current consumption from the battery	450 mA
	Programmable wired inputs	8



<sup>\*</sup> support for data transmission using the LTE/HSPA+/EDGE/GPRS technology - depending on the cellular network capabilities