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I GASTOP

CONTROL MODULE – GT

- EN CONTROL MODULE
- DE STEUERGERÄT
- FR MODULE DE CONTRÔLE
- PL MODUŁ STERUJĄCY
- RU УПРАВЛЯЮЩИЙ МОДУЛЬ

Complete documentation:

- GENERAL INFORMATION
- PEDESTRIAN TRAFFIC CONTROL
- DEVICE
- CONTROL MODULE
- MONTAGE
- MAINTENANCE AND SERVICE
- TECHNICAL DRAWINGS
- FR Documentation complète:
 - INFORMATIONS GENERALES
 - CONTRÔLE DE TRAFIC DE PASSAGERES
 - DISPOSITIF
 - MODULE DE CONTRÔLE
 - ENSEMBLE
 - MAINTENANCE ET ENTRETIEN
 - DESSINS TECHNIQUES
- Fullständig dokumentation:
 - ALLMÄNT
 - PASSAGEKONTROLL ALLMÄNNA REGLER
 - ENHET
 - STYRMODUL
 - MONTERING
 - UNDERHÅLL OCH SKÖTSEL
 - TEKNISKA RITNINGAR
 - Completa documentazione:
 - INFORMAZIONI GENERAL
 - CONTROLLO DELLA CIRCOLAZIONE DI PERSONE
 - DISPOSITIVO
 - MODULO DI COMANDO
 - MONTAGGIO
 - MANUTENZIONE E CONSERVAZIONE
 - DISEGNI TECNICI

Documentación completa:

- INFORMACIÓN GENERA
- CONTROL DEL TRÁFICO PEATONAL
- DISPOSITIVC
- MÓDULO DE CONTROL
- MONTAJE
- MANTENIMIENTO Y SERVICIO
- DIBUJOS TÉCNICOS
- Полная документация:
 - ОБЩИЕ СВЕДЕНИ
 - КОНТРОЛЬ ДВИЖЕНИЯ ЛЮДЕЙ
 - УСТРОЙСТВО
 - УПРАВЛЯЮЩИЙ МОДУЛЬ
 - СБОРКА
 - УХОД И СОДЕРЖАНИЕ
 - ТЕХНИЧЕСКИЕ ЧЕРТЕЖИ



Komplette dokumentation:

- ALLGEMEINE INFORMATIONEN
- KONTROLLE DES PERSONENVERKERHS
- GERÄTE
- STEUERGERÄT
- MONTAGE
- WARTUNG UND INSTANDHALTUNG
- TECHNISCHE ZEICHNUNGEN
- Kompletna dokumentacja:
 - INFORMACJE OGÓLNE
 - KONTROLA RUCHU OSOBOWEGO
 - URZĄDZENIE
 - MODUŁ KONTROLNY
 - MONTAX
 - KONSERWACJA I UTRZYMANIE
 - RYSUNKI TECHNICZNE

Volledige documentatie:

- ALGEMENE INFORMATIE
- CONTROLE VAN PERSONENVERKEER
- APPARAAT
- BEDIENINGSMODULE
- INSTALLAT
- ONDERHOUD EN VERZORGING
- TECHNISCHE TEKENINGEN

J Teljes dokumentáció:

- ÁLTALÁNOS INFORMÁCIÓK
- SZEMÉLYFORGALOM ELLENŐRZÉS
- BERENDEZÉS
- VEZÉRLŐEGYSÉG
- ÖSSZESZERELÉS
- KARBANTARTÁS ÉS JAVÍTÁS
- MŰSZAKI RAJZOK

R0 Documenta×ia completă:

- INFORMATII GENERALE
- CONTROLUL TRAFICULUI DE PERSOANE
- DISPOZITIV
- MODUL DE COMANDĂ
- ASAMBLARE
- MENTENANTĂ
- DESENE TEHNICE

EN ENGLISH	4
DE DEUTSCH	14
FR FRANÇAIS	24
PL POLSKI	
RU РОССИЯ	

EN ENGLISH

TABLE OF CONTENTS

5
5
6
6
6
7
7
7
7
7
8
8
8
8
9
9
9
9
9
11
11
11
11
12
12

MODULE'S SOFTWARE

Device's control logic is controlled by the device manufacturer's software. The manufacturer grants licence to using the software only in cooperation with the purchased device and in order to control it. The abovementioned licence is granted by the manufacturer for products purchased at the authorised distributors only. The licence is granted for:

- 1. The time of one month from the devices sales date (on the base of a trade credit).
- 2. An indefinite time after the payment for the device has been made.

Changes or modifications to the software of whatever kind may be introduced by a detailed and written consent of the device manufacturer only. Making changes or modifications to the software without the manufacturer's consent are not covered by the licence regarding using the software. The manufacturer bears no responsibility for proper and safe operation of the device if changes of whatever kind have been made to the device's controlling software, without the device manufacturer's consent.

The manufacturer reserves the right to introduce changes or updates to the software. All devices are supplied with a stored standard software described in the manual herein.

NAVIGATION

The touch screen is used to navigate the controller interface. Pressing the displayed button causes, depending on the position on which we are, change the value or enter the submenu. In case of lack of proper operation / display of the screen, its calibration should be performed – see the calibration section.



1. Touch screen

1. MAIN MENU

Devices operate under the driver manufactured by the Gastop company. Phantom driver is equipped with touch screen. Main

menu provides access to options, features and informations destined for:

- user (person authorized to access the device's settings),
- service worker (person authorized by the manufacturer)



2. USER OPTIONS

Interface provides access to functions destined for device's user.



2.1 LANGUAGE SELECTION



"User" interface provides access to the following options:

- language selection,
- operation mode choice,
- software choice,
- return to the main menu.

In the case of lack of choice, after few seconds program automatically returns to the main screen.

Interface location: MAIN MENU/USER

Software allows selection of the language. Available languages: English, French, German, Polish. Standard language setting is English. To confirm language choice press OK.

Interface location: MAIN MENU/USER/LANGUAGE

2.2 OPERATION MODE SELECTION



2.3 SOFTWARE OPTIONS



2.4 IP ADDRESS SETTING



2.5 DEVICE'S ID SETTING



2.6 LICENSE INFORMATION



Possibility to turn off the control of chosen passage direction (the device will not block the passage in a chosen direction, allowing pedestrian traffic without authorization). In standard operation mode both passage directions are controlled. Function is destined for systems where authorization to leave the protected zone is not required or when there is need to turn off device's external control systems without disrupting the pedestrian traffic.

Interface location: MAIN MENU/USER/OPERATION MODE

Options in the software menu allow to set the software parameters associated with network functions.

Menu provides following settings:

- P address of the device which has to be unique in the LAN network,
- device's ID number which provides a base on which unique MAC address for the device is created.

Furthermore, "Licence information" option displays informations about software license.

Interface location: MAIN MENU/USER/SOFTWARE

Dialogue box allows to set device's network interface IP address. IP address of the device should be unique in the LAN network. In order to obtain IP address, contact an administrator of the network in which the device will function. Informations about current IP address can be foun in: MAIN MENU/INFORMATIONS/COMMUNICATION/COMMUNICA-TION MODE UDP

Interface location: MAIN MENU/USER/SOFTWARE/SET DEVICE IP ADDRESS

Dialogue box allows to set device's network interface ID number. Regarding the fact, that based on the ID number, MAC address is generated, device's ID number shall be unique in the LAN network. In order to verify the MAC address, contact an administrator of the network in which the device will function. Informations about current MAC address of the device's network interface can be found in: MAIN MENU/INFORMATIONS/COM-MUNICATION/COMMUNICATION MODE UDP

Interface location : MAIN MENU/USER/SOFTWARE/SET DEVICE ID

In this dialogue box informations about the software license terms can be found. The first line displays the licence's expiration date. In the blue frame (LIC SN), the licence's serial number is displayed. Licence's serial number shall be provided each time when contacting the service. On the basis of licence's serial number, the software licence can be extended.

Interface location : MAIN MENU/USER/SOFTWARE/LICENCE INFORMATION

3. SERVICE WORKER SETTINGS

This interface provides access to functions destined for a service worker.



3.1 TEST



3.2 PARAMETERS



3.3 NC/NO/SO MODES



Service worker interface provides access to the following options:

- .
 - test,parameters,
 - software,
 - return to the main menu.

In the case of lack of choice, after few seconds program automatically returns to the main screen.

Interface location: MAIN MENU/SERVICE WORKER

TEST dialogue box is destined only for running device's tests, which shall be performed ONLY by persons authorized by the manufacturer.

There are two test options available:

- device's optical and magnetic sensors test,
- service diagnostics.

Interface location: MAIN MENU/SERVICE WORKER/TEST

"Parameters" dialogue box provides access to device's operation parameters settings and shall be used ONLY by persons authorized by the manufacturer.

There are five options to set following parameters:

- device's wings operation mode,
- awaiting time after which the permission for passage is canceled,
- size of buffer which stores passage permission pulses,
- sensitivity of passage detection,
- feedback signals operation modes.

Interface location: MAIN MENU/SERVICE WORKER/PARAMETERS

In "Mode NC/NO/SO" dialogue box, the device's operation mode is set. Depending on the number, from 1 to 3, there is possibility to choose between 3 operation modes:

1 - NC mode - normal closed. Device's wings stay closed until passage authorization,

2 - N0 mode – normal opened, device's wings stay opened, and are being closed in the moment of detection of not authorized passage.

NOTE!!! This mode can be used only in devices in which optical sensors are placed more than 5 meters away from the wings.

3 – S0 mode – always opened. Wings are always opened, not authorized passage is signalized by a sound signal.

Interface location:

MAIN MENU/SERVICE WORKER/PARAMETERS/MODE NC/NO/SO

3.4 AWAITING TIME



3.5 PULSE BUFFER



3.6 SENSITIVITY



3.7 FEEDBACK SIGNAL



3.8 SOFTWARE- ACCESS PROTECTED BY PASSWORD



"Awaiting time" dialogue box provides possibility to set time value in seconds, between 1 and 30. After this time passage permission is cancelled and gate returns to the preset mode.

Interface location:

MAIN MENU/SERVICE WORKER/PARAMETERS/AWAITING TIME

"Pulse buffer" dialogue box provides possibility to set the number of passage permission pulses that will be remembered by the device (from 1 to 100), after exceeding the set value, the device ignores further signals. Size of pulse buffer's memory is set separately for left and right passage directions.

Interface location: MAIN MENU/SERVICE WORKER/PARAMETERS/PULSE BUFFER

"Sensitivity" dialogue box provides possibility to set the device's not authorized passage detection sensitivity. Sensitivity can be set in the range between 1 and 10, where 1 means the least sensitivity and 10 the most.

Interface location: MAIN MENUI/SERVICE WORKER/PARAMETERS/SENSITIVITY

"Feedback signal" dialogue box provides possibility to choose an operation mode of the feedback signals. The device can operate in two modes: NC- represented by number 1 and NO- represented by number 2. In the NC mode feedback signal is in high state by default (5V or 12V) and in the moment of finishing the passage cycle changes to low state (0 V) for the duration of 100ms. On the contrary, in the NO mode feedback signal is in low state by default (0V) and in the moment of finishing the passage cycle changes to high state (5V or 12V) for the duration of 100ms. Choice of high state between 5V and 12V is made by changing the configuration with JP5 and JP6 jumpers (see the technical documentation).

Interface location:

MAIN MENU/SERVICE WORKER/PARAMETERS/FEEDBACK SIGNAL

In order to access the software menu, a password has to be entered. The password can be obtained from the manufacturer based on the four digit code displayed on the screen.

Interface location: MAIN MENU/SERVICE WORKER/SOFTWARE

3.9 SOFTWARE - MENU



3.10 SET CURRENT DATE AND TIME



3.11 OPEN TIME



3.12 ENTER SERIAL NUMBER



3.13 MAXIMUM TORQUE



Software menu provides possibility to change license securityrelated parameters of the system. After granting access to the password protected menu, following options are available:

- setting of the current date and hour,
- setting of the date of software's license expiration,
- setting of the time of wings opening,
- setting of the serial number of the device
- etting of the engine's maximum torque

Interface location: MAIN MENU/SERVICE WORKER/SOFTWARE

Date is determined in the process of the device's initiation and it's correction is necessary only in case of a breakdown or disruption of system's power supply. Correct system date allows to store dates of errors recorded by the device.

Interface location:

MAIN MENU/ SERVICE WORKER/SOFTWARE/SET CURRENT DATE AND TIME

"Open time" dialogue box provides possibility to set the time that the device's wings have to open up. Too low value may cause that the wings will not open fully, and too big value may cause the motor's damage.

Interface location: MAIN MENU/SERVICE WORKER/SOFTWARE/OPEN TIME

"Enter serial number" dialogue box provides possibility to input the device's serial number. The serial number must be a unique number input by the manufacturer of the device. Changing the number or it's incorrect input may disable the possibility to unlock the software's license.

Interface location: MAIN MENU/SERVICE WORKER/SOFTWARE/ENTER SERIAL NUMBER

"Maximum torque" dialogue box provides possibility to set the maximum force of the engine which moves the device's wings. Set the minimal parameter, so that the wings due to their mass can move smoothly. Too high value may be dangerous for people who have been stuck in the moment of the wings movement.

Interface location: MAIN MENU/SERVICE WORKER/SOFTWARE/MAXIMUM TORQUE

3.14 SET THE CLOSING DELAY



4. INFORMATION

"Information" interface is destined for user and service worker.



4.1 COUNTERS



4.2 ERRORS



4.3 COMMUNICATION



Set the time after which the gate gates block the passage. Time is counted from the moment you leave the transition zone (sensor system). Range (1 = 1/10 s, 30 = 3 s.)

Interface location:

MAIN MENU/SERVICE WORKER/SOFTWARE/SET THE DELAY

"Information" interface provides access to the following options:

- counter,
- errors,
- communication,
- return to the main menu.

In the case of lack of choice, after few seconds program automatically returns to the main screen.

Interface location: MAIN MENU/INFORMATION

"Counters" dialogue box displays informations about number of passage cycles for:

- left passage direction,
- right passage direction,
- both passage directions in total,
- passages counted since the last device's reset or failure of the power supply.

Interface location: MAIN MENU/COUNTERS

"Errors" dialogue box displays informations about number of passage cycle errors recognized by the device, such as:

not authorized passage attempt,

- passage permission after which the passage was not detected and the permission was cancelled,
- error resulting from too long time of wing blockade, after which the device was not able to position the wings in the final position which completes the cycle.

In order to display the number of errors and date of the last error, choose the appropriate option and confirm the choice with "OK" button

Interface location: MAIN MENU/ERRORS

"Communication" dialogue box provides information about current IP address and MAC address of the device's network interface. Current version of the software uses UDP pro-tocol for communication.

Interface location: MAIN MENU/INFORMATION/COMMUNICATION

4.4 COMMUNICATION MODE UDP



"Communication mode UDP" dialogue box displays current IP address and MAC address of the device's network interface. In order to verify IP and MAC addresses, contact with an administrator of the LAN network. Change of the IP and MAC address is possible in the following menu: MAIN MENU/USER/SOFTWARE/SET DEVICE IP ADDRESS

Interface location: MAIN MENU/INFORMATION/COMMUNICATION/COMMUNICATION MODE UDP

Note: No person may be in the range of moving parts of the device when starting the test mode.

5. CALIBRATION

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To calibrate the display, run the calibration mode by pressing the touch screen with your finger and turning on the power. Calibration consists of pressing the finger on the markers that will appear in the four corners of the display.



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