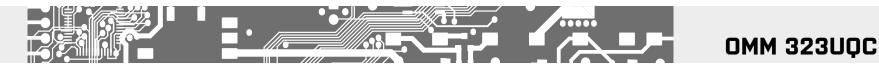
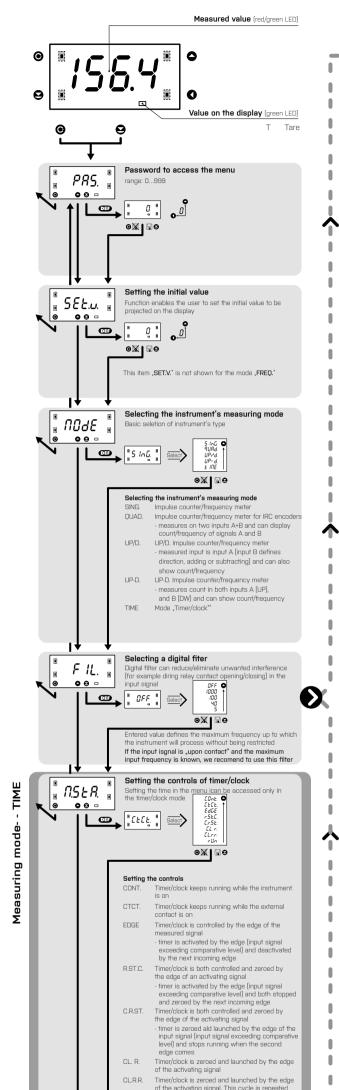
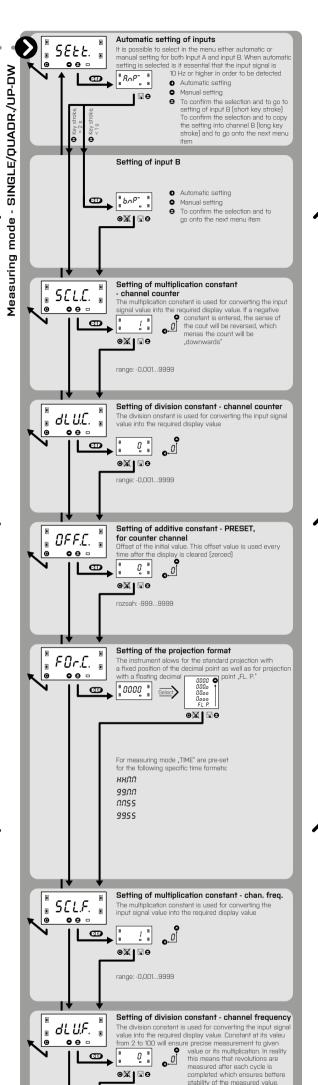
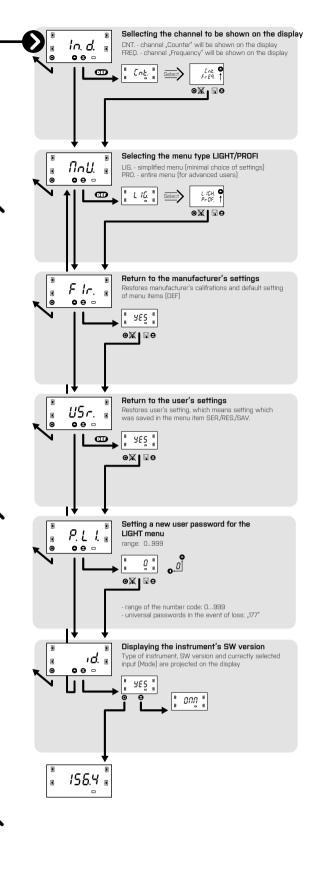
SETTING **LIGHT**

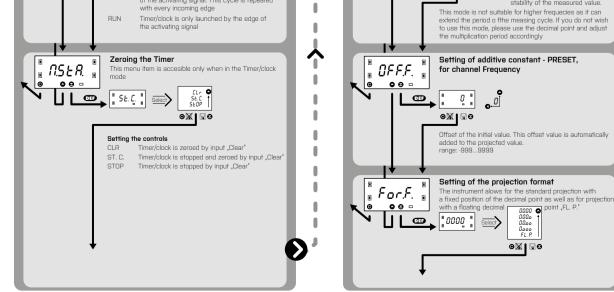


Programming diagram of the LIGHT MENU









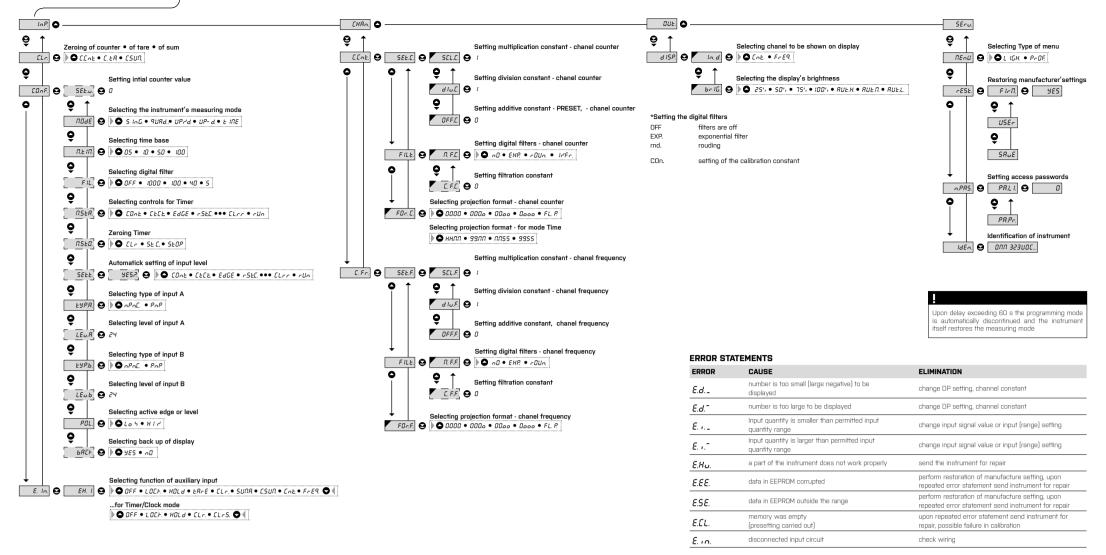




Programming diagram of the PROFI MENU

142.8 • + • PR55u. • 0 •

OMM 323UQC







CONNECTIONS

| | DESCRIPTION | CONNECTION |
|---------|---------------------|-----------------------|
| INPUT A | input signal < 60 V | GND + Input A |
| INPUT B | input signal < 60 V | GND + Input B/Zeroing |

EXTERNAL INPUT

DESCRIPTION CONTROLS controlling input, its function is set in the menu upon contact, terminal (no. 3 + 4) EXT. 1 [see. Menu > EXT. IN.]

COMPARATOR LEVEL TABLE (V)

| ТҮРЕ | MAXIMUM VOLTAGE | MAXIMUM COMP | ARATION LEVELS | |
|--------------|-----------------|--------------|----------------|--|
| OF INPUT | (LEVEL A, B) | L>H | H > L | |
| NPN, Contact | XXX | 0,5 V | 4,5 V | |
| PNP | 9,7 V | 0,5 V | 4,5 V | |
| PNP | 14,4 V | 1,0 V | 9,0 V | |
| PNP | 19,2 V | 1,5 V | 13,3 V | |
| PNP | 23,9 V | 2,0 V | 17,8 V | |
| PNP | 28,7 V | 2,5 V | 22,1 V | |
| PNP | 33,5 V | 3,0 V | 26,6 V | |
| PNP | 38,3 V | 3,4 V | 31,0 V | |
| PNP | 43,0 V | 3,9 V | 35,5 V | |

Power supply cord should not be near low voltage input signal leads. Contactors, large electrical motors and other

power elements should not be operated in the vicinity of the instrument. Input signal leads (measured value) should be separated from all power devices. Our instruments are extensively tested

(OMLINK)

POWER

INPUT A GND EXT. 1

and they comply with relevant standrads for use in industrial environment, however, adhering to the above mentioned measures is stronlgy advised.

In executions without galvanic isolated power supply please beware of ground loops!

Terminals no. 2 and 5 are galvanic conneted.

| MEASORING INFOT | |
|-----------------|---|
| Туре | upon contact, TTL, NPN/PNP |
| Measurement | 1x counter/frequency UP or DOWN 1x counter/frequency UP/DOWN 1x counter/frequency for IRC encoders 1x timer/clock - measuring range is selectable |
| Input frequency | 0,150 kHz (Mode SINGLE) 0,120 kHz (Mode UP/DW) 0,120 kHz (Mode UP-DW) 0,120 kHz (Mode QUADR frequency) 0,110 kHz (Mode QUADR counter) |
| Input levels | 9,7 - 14,4 - 19,2 - 23,9 - 28,7 - 33,5 - 38,3 V |

INSTRUMENT'S ACCURACY

| TK | 50 ppm/°C |
|-------------------------|---|
| Accuracy | ±0,01% of the range + 1 digit (frequency) |
| Time base | 0,5/1/5/10 s |
| Multiplication constant | ±0,0019999 |
| Division constant | ±0,0019999 |
| Filtration constant | enables the user to select maximum valid frequency, which is processed (OFF/51000 Hz) |
| Data back-up | stores the measured value after the device has been switched off (EEPROM) |
| Digital filtres | exponencialn filter, rounding up/down, 1/frequncy, measuring only completed revolutions (division constant) |
| Functions | Hold - "freazing the measured value" Lock - blocking the control buttons Tare Summation - adding values after each working shift is completed (upon contact) |
| External inputs | 1, with the possibility of assigning various functions in the instrument's menu |
| OM Link | Company communication interface for operating, setting and updating of instruments |
| Watch-dog | reset after 500 ms |
| Calibration | at 25°C and 40% r.h. |

TECHNICAL DATA

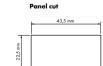
| Display | 9999, red or green 7-segment LED, digit height 9,1mm |
|--|---|
| Projection | -9999999 |
| Decimal point | setting - in menu |
| Brightness | 0 %, 25 %, 50 %, 75 %, 100 % (selectable in the menu) or automatically at three steps Auto. H, Auto. M and Auto. L |
| OWER SUPPLY | |
| | 1030 VDC/24 VAC, ±10 %, 0,21,5 VA |
| | 1030 VDC/24 VAC, ±10 %, 0,21,5 VA, isolated |
| IECHANICAL PROPE | RTIES NorvI GFN2 SE1, incombustible UL 94 V-I |
| Materiai Dimensions | Noryi G-N2 SEI, incompustible UL 94 V-I |
| | |
| Panel cut out | 43,5 x 22,5 mm |
| | |
| Panel cut out | |
| NVIROMENTAL | 43,5 x 22,5 mm |
| Panel cut out NVIROMENTAL Connection | 43,5 x 22,5 mm terminal board, section < 1,5 mm ² |
| Panel cut out NVIROMENTAL Connection Stabilization period | 43,5 x 22,5 mm terminal board, section < 1,5 mm ² 15 minutes after switch on |
| Panel cut out NVIROMENTAL Connection Stabilization period Working temperature | 43,5 x 22,5 mm terminal board, section < 1,5 mm ² 15 minutes after switch on -20°60°C |
| Panel cut out NVIROMENTAL Connection Stabilization period Working temperature Storage temperature | 43,5 x 22,5mm terminal board, section < 1,5 mm ² 15 minutes after switch on -20°80°C -20°86°C |
| Panel cut out NVIROMENTAL Connection Stabilization period Working temperature Storage temperature Cover | 43,5 x 22,5mm terminal board, section < 1,5 mm ² 15 minutes after switch on -20°60°C -20°85°C IP42 (front panel only) |
| Panel cut out NVIROMENTAL Connection Stabilization period Working temperature Storage temperature Cover Construction | 43,5 x 22,5 mm terminal board, section < 1,5 mm ² 15 minutes after switch on -20°80°C -20°86°C IP42 (front panel only) security calss I |
| Panel cut out NVIROMENTAL Connection Stabilization period Working temperature Storage temperature Cover Cover Construction E. safety | 43,5 x 22,5 mm terminal board, section < 1,5 mm ² 15 minutes after switch on -20°80°C -20°85°C IP42 (front panel only) security calss I EN 610101, A2 |

MOUNTING AND DIMENSIONS

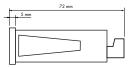


Front view





Side view











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