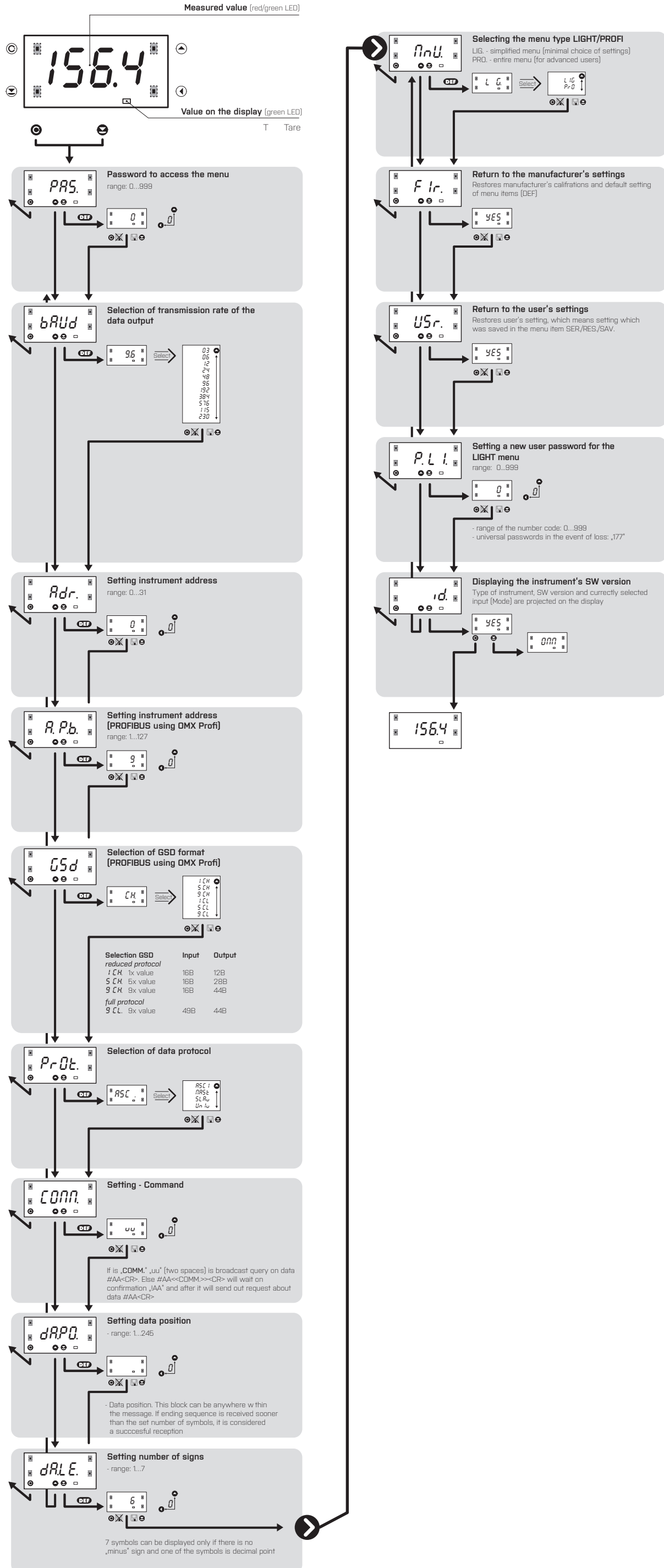
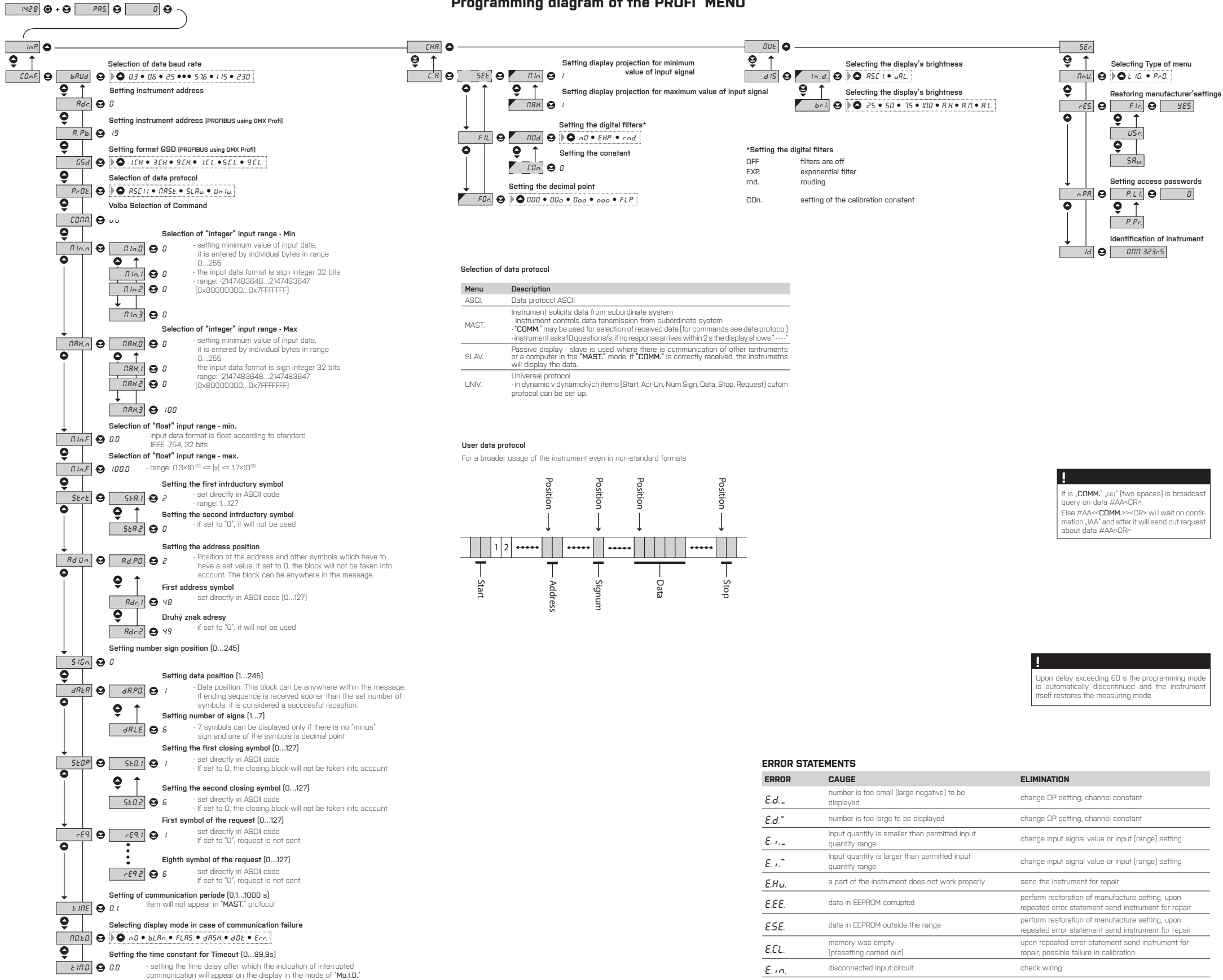


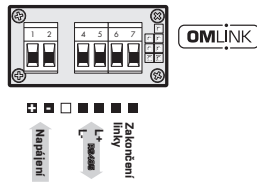
Programming diagram of the LIGHT MENU



Programming diagram of the PROFI MENU



CONNECTING AND CONTROLLING OF INSTRUMENT



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

INPUT

Type	RS 485
Protocol	ASCII, MODBUS-RTU, Master, Slave, Universal
Data format	8 bit + no parity + 1 stop bit
Rate	300...230 400 Baud
RS 485	isolated, two-way communication, addressing (max. 31 instruments)

TECHNICAL DATA

INSTRUMENT'S ACCURACY

TC	50 ppm/°C
Data back-up	stores the measured value after the device has been switched off [EEPROM]
Digital filters	exponential filter, rounding
External inputs	1, termination of communication line RS 485
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.

PROJECTION

Display	9999, red or green 7-segment LED, digit height 9,1mm
Projection	9999
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

POWER SUPPLY

	10...30 VDC/24 VAC; ±10 %, 0.2...1.5 VA
	10...30 VDC/24 VAC; ±10 %, 0.2...1.5 VA, isolated

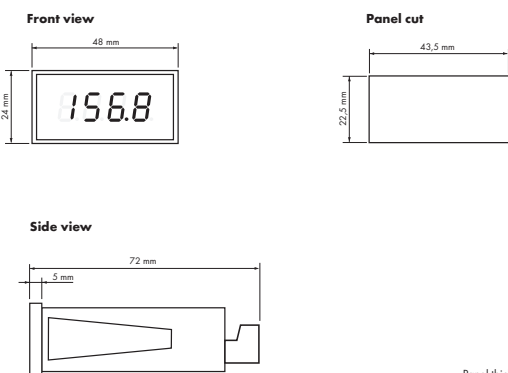
MECHANICAL PROPERTIES

Material	Noryl GFN2 SE1, incombustible UL 94 V-1
Dimensions	48 x 24 x 72 mm
Panel cut out	43.5 x 21.5 mm

ENVIRONMENTAL

Connection	terminal board, section < 1.5 mm ²
Stabilization period	15 minutes after switch on
Working temperature	-20°...60°C
Storage temperature	-20°...85°C
Cover	IP42 (front panel only)
Construction	security class I
El. safety	EN 61010-1, A2
Dielectric strength	2.5 kVAC after 1 min between supply and input
Insulation resistance*	for pollution degree II, measuring cat. III, power supply > 300 V [P]
EMC	EN 61326-1 (Industrial area)

MOUNTING AND DIMENSIONS



Panel thickness: 0.5...20 mm



ООО "РусАвтоматизация"

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