

CHECK LIST FOR TECHNICAL SPECIFICATION

ELCOR^{plus}

Purchase Order No.

DATCOMplus - solar

Quantity

6

Expect delivery date

Basic version (no extension modules)

Basic EVC configuration

4x digital input

4x digital output (binary or pulse or analog)

1x optical interface

1x single EVC battery

Display

Graphic

Approval

Without approval 5)

Zone

0,1,2

Compressibility (table below)

AGA_8_DETAIL

Operating temper.

-25°C...+70°C

EVC battery

B-03 (17Ah) standar

Destination country of installation

Moldova

MODBUS map

yes, basic

Device Language

RU, Russian

Label Language

ENG, English

Global settings

Pressure Unit

bar

Base Pressure

1.01325 bar

Temperature unit

°C

Volume unit

m3

Base Temperature

20°C

what else?

what else?

what else?

what else?

Extension modules - slots

Slot 0 (S0)

none

Slot 1 (S1)

COM1-RS232

Slot 2 (S2)

none

Slot 3 (S3)

PWR1

Slot 4 (S4)

PWR2

Slot 5 (S5) - internal modem ⁶⁾

M4G, LTE-Cat1E

Additional terminals board

none

Barometric pressure sensor

none

Modem battery

HB-04 (12Ah)

Supported country of modem c

Moldova

Outputs DO1 and DO2 only with pulse outputs without power supply U0+

no (without jumper)

Antenna for modem

external

EXT1⁷⁾ multifunction extension module (10s÷1h)
2x HF pulse input or NAMUR input or NAMUR encoder
EXT1-T additional slot with terminals for EXT1
(2x Analog. Inputs, 2x Internal Bus for transducers,
6x Digital Inputs)

EXT1/HF multifunction extension module (10s÷1h)
2x HF NAMUR pulse input or 2x NAMUR encoder
SCR interface for gasmeter SCR Encoder (10s÷1h)
MIE interface for mechanical indexer ELGAS
NAM interface for gasmeter NAMUR Encoder, no MID(1min÷1h)

PT1000-4W not available - modul in R&D phase

DO1 and DO2 see user manual for more details about modifications for digital outputs.

EDT interface for additional 1 transducer (or total 3 with EXT1-T)
COM1 module RS485 or RS232 communication for Slot 1 and Slot 2
COM0 module for ext. modem connection RS232 only for Slot 4
2AI two analog inputs 4-20 mA
2AO two analog outputs 4-20 mA
PWR1 external EVC power supply
PWR2 external modem power supply
PWR3 external EVC power supply, 230Vac
PWR4/12 external EVC power supply, 12Vdc
PWR4/24 external EVC power supply, 24Vdc

Digital transducers

DT 1

Input

metrological

Type

temperature

Pressure type

Absolute: MID and Non MID certified

Relative: Non MID

Design location

Cable length (external ver.)

Length note

in meters

Type of fittings

Cable type

Temperature

Temperature range

-25 ÷ +70°C

Sensor length

120 mm

Cable length

other 4)

Length note

50 m

Cable armor

no (only cable)

Cable type

LIYCY

DT 2

Input metrological	Type pressure	Pressure type absolute	Absolute: MID and Non MID certified MID: 400 - 7000 kPa; -25 - +70 °C			
			Relative: Non MID			
Temperature	Design location external	Cable length (external ver.) other 4)	Length note 50 m	Type of fittings Ermeto M12x	Cable type LiYCY - stand	
	Temperature range	Sensor length	Cable length	Length note in meters	Cable armor	Cable type

DT 3

Input	Type	Pressure type	Absolute: MID and Non MID certified			
			Relative: Non MID			
Temperature	Design location	Cable length (external ver.)	Length note	Type of fittings	Cable type	
	Temperature range	Sensor length	Cable length	Length note	Cable armor	Cable type

DT 4

Input	Type	Pressure type	Absolute: MID and Non MID certified			
			Relative: Non MID			
Temperature	Design location	Cable length (external ver.)	Length note	Type of fittings	Cable type	
	Temperature range	Sensor length	Cable length	Length note in meters	Cable armor	Cable type

Digital transducers

(only with module EDT, or EDT and EXT1, or EXT1 and EXT1/T)

DT 5

Input	Type	Pressure type	Absolute: MID and Non MID certified			
			Relative: Non MID			
Temperature	Design location	Cable length (external ver.)	Length note in meters	Type of fittings	Cable type	
	Temperature range	Sensor length	Cable length	Length note in meters	Cable armor	Cable type

DT 6

Input	Type	Pressure type	Absolute: MID and Non MID certified			
			Relative: Non MID			
Temperature	Design location	Cable length (external ver.)	Length note in meters	Type of fittings	Cable type	
	Temperature range	Sensor length	Cable length	Length note in meters	Cable armor	Cable type

DT 7

Input	Type	Pressure type	Absolute: MID and Non MID certified			
			Relative: Non MID			
Temperature	Design location	Cable length (external ver.)	Length note in meters	Type of fittings	Cable type	
	Temperature range	Sensor length	Cable length	Length note	Cable armor	Cable type

in meters

Pulse inputs cable

CHANNEL 1

yes

Cable

none

Cable type

Cable length

Cable length note

Wires count

Wires of connected

Ending

Binder description

more descriptions

CHANNEL 2

none

Cable

none

Cable type

Cable length

Cable length note

Wire count

Wires of connected

Ending

Binder description

more descriptions

Accessories for mounting corrector (not included in corrector price)

Mounting plate

none

Thermowell

none

Welded on piece

none

Mounting plate on pipe size

none

Ermeto Set for pressure transducer

none

6 pcs

Thread on thermowell

other

Version of Welded

direct pcs

oblique pcs

The parameter settings

none

Length of thermowell

3-way ball tap

none

pcs

External accessories for corrector communication (not included in corrector price)

An Intrinsically safe power supply designed for ELCORplus

PS-E

6 pcs

An Intrinsically safe power supply designed for ELCORplus - only for solar system

PS-E/A

pcs

An Intrinsically safe external power supply for integrated modem

PS-M

6 pcs

An Intrinsically safe external power supply for integrated modem - only for solar system

PS-M/A

pcs

A safety isolation barrier for the RS485/RS232 communication lines

B-RS

pcs

A safety isolation barrier for the RS485/RS232 communication lines - only for solar system

B-RS/A

pcs

A safety barrier separator for digital outputs

B-DO

pcs

A safety barrier separator for digital outputs - only for solar system

B-DO/A

pcs

A safety isolation barrier for the internal intrinsically safe communication bus

B-IB

6 pcs

A Solar or DC power supply regulator is for permanent charging of 12V lead VRLA accumulator

SRM

6 pcs

A CLO current output module provides a 4-20 mA current output

CLO

pcs

An USB infrared optical head console cable up to 115200 Bd

HIE-04

1 pcs

Options for transporting

by air, train, TIR, ship, combination, ferry,...

Notes

passport

mounting set 1PM + 1x extra ring 6 set

TENAS-01 A4K with above modules (PS-E, PS-M, B-IB, SRM + Accu 12 Ah LiFePO4)

Ordering items based on the completion of this sheet of Technical Specifications is governed by the General and Warranty Terms and Condition of ELGAS, s.r.o. listed on the website - <http://www.elgas.cz/en/general-condition>.