Revision *2022-04-28*

Supported since MS Excel 2010

CHECK LIST FOR TECHNICAL SPECIFICATION

ELCOR*plus*

Purchase Order No. | DATCOMplus

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	**Approval**	**Zone**	**Compressibility** (table below)
Graphic	Without approval 5)	0,1,2	AGA_8_DETAIL

Operating temper.	**EVC battery**	**Destination country of installation**
-25°C...+70°C	B-03 (17Ah) standard	Moldova

MODBUS map	**Device Language**	**Label Language**
yes, basic	RU, Russian	ENG, English

Global settings

Pressure Unit	**Base Pressure**	**Temperature unit**	**Volume unit**	**Base Temperature**
bar	1.01325 bar	°C	m3	20°C
what else?	what else?		what else?	what else?

Extension modules - slots

Slot 0 (S0)	**Slot 1 (S1)**	**Slot 2 (S2)**	**Slot 3 (S3)**	**Slot 4 (S4)**	**Slot 5 (S5) - internal modem** [6]
none	COM1-RS232,	none	PWR1	PWR2	M4G, LTE-Cat1E

Additional terminals board	**Barometric pressure sensor**	**Modem battery**	**Supported country of modem**
none	none	HB-04 (12Ah)	Moldova

Outputs DO1 and DO2 only with pulse outputs without power supply U0+
no (without jumper)

Antenna for modem
external

EXT1[7]	multifunction extension module (10s÷1h)	EDT	interface for aditional 1 transducer (or total 3 with EXT1-T)
	2x HF pulse input or NAMUR input or NAMUR encoder	COM1	module RS485 or RS232 communication for Slot 1 and Slot 2
EXT1-T	additional slot with terminals for EXT1	COM0	module for ext. modem connection RS232 only for Slot 4
	(2x Analog. Inputs, 2x Internal Bus for transducers,	2AI	two analog inputs 4-20 mA
	6x Digital Inputs)	2AO	two analog outputs 4-20 mA
EXT1/HF	multifunction extension module (10s÷1h)	PWR1	external EVC power supply
	2x HF NAMUR pulse input or 2x NAMUR encoder	PWR2	external modem power supply
SCR	interface for gasmeter SCR Encoder (10s÷1h)	PWR3	external EVC power supply, 230Vac
MIE	interface for mechanical indexer ELGAS	PWR4/12	external EVC power supply, 12Vdc
NAM	interface for gasmeter NAMUR Encoder, no MID(1min÷1h)	PWR4/24	external EVC power supply, 24Vdc
PT1000-4W	not available - modul in R&D phase		
DO1 and DO2 see user manual for more details about modifications for digital outputs.			

Digital transducers

DT 1

Input	**Type**	**Pressure type**	**Absolute: MID and Non MID certified**
metrological	temperature		
			Relative: Non MID

Design location	**Cable length** (external ver.)	**Length note**	**Type of fittings**	**Cable type**
		in meters		

Temperature

Temperature range	**Sensor length**	**Cable length**	**Length note**	**Cable armor**	**Cable type**
-25 ÷ +70°C	120 mm	other 4)	50 m	no (only cable	LiYCY

DT 2

Input

Type	**Pressure type**	**Absolute: MID and Non MID certified**	
metrological	pressure	absolute	MID: 400 - 7000 kPa; -25 - +70 °C

Relative: Non MID

Design location	**Cable length** (external ver.)	**Length note**	**Type of fittings**	**Cable type**
external	other 4)	50 m	Ermeto M12x	LiYCY - stand:

Temperature

Temperature range	**Sensor length**	**Cable length**	**Length note**	**Cable armor**	**Cable type**
			in meters		

DT 3

Input

Type	**Pressure type**	**Absolute: MID and Non MID certified**

Relative: Non MID

Design location	**Cable length** (external ver.)	**Length note**	**Type of fittings**	**Cable type**

Temperature

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

Design location	**Cable length** (external ver.)	**Length note**	**Type of fittings**	**Cable type**

Temperature

Temperature range	**Sensor length**	**Cable length**	**Length note**	**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

Design location	**Cable length** (external ver.)	**Length note**	**Type of fittings**	**Cable type**
		in meters		

Temperature

Temperature range	**Sensor length**	**Cable length**	**Length note**	**Cable armor**	**Cable type**
			in meters		

DT 6

Input

Type	**Pressure type**	**Absolute: MID and Non MID certified**

Relative: Non MID

Design location	**Cable length** (external ver.)	**Length note**	**Type of fittings**	**Cable type**
		in meters		

Temperature

Temperature range	**Sensor length**	**Cable length**	**Length note**	**Cable armor**	**Cable type**
			in meters		

DT 7

Input

Type	**Pressure type**	**Absolute: MID and Non MID certified**

Relative: Non MID

Design location	**Cable length** (external ver.)	**Length note**	**Type of fittings**	**Cable type**
		in meters		

Temperature

Temperature range	**Sensor length**	**Cable length**	**Length note**	**Cable armor**	**Cable type**

			in meters		

Pulse inputs cable

CHANNEL 1   **Cable**   **Cable type**
yes   none   [   ]

Cable length   **Cable length note**
[   ]   [   ]

Wires count   **Wires of connected**
[   ]   [   ]

Ending   **Binder description**
[   ]   more descriptions

CHANNEL 2   **Cable**   **Cable type**
none   none   [   ]

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   **Thermowell**   **Welded on piece**   **Mounting plate on pipe size**
none   none   none   none

Ermeto Set for pressure transducer   **Version of Welded**
none   [   ] direct pcs
6   pcs   **Thread on thermowell**   [   ] oblique pcs
[   ]
[   ] other

The parameter settings   **Length of thermowell**   **3-way ball tap**
none   [   ]   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**	6 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**	pcs
A Solar or DC power supply regulator is for permanent charging of 12V lead VRLA accumulator	**SRM**	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**	pcs

Options for transporting
by air, train, TIR, ship, combination, ferry,…

Notes
passport
mounting set 1PM + 6x extra ring ………. 6 set

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.