CHECK LIST FOR TECHNICAL SPECIFICATION

ELCOR*plus*

Purchase Order No.   DATCOMplus

Quantity   **13**   **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) standar	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 c**
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

Temperature

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

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
		in meters		

Temperature

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

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
		in meters		

Temperature

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

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

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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	CHANNEL 2	Cable	Cable type
yes	none		none	none	

Cable length	Cable length note		Cable length	Cable length note	

Wires count	Wires of connected		Wire count	Wires of connected	

Ending	Binder description		Ending	Binder description	
	more descriptions			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
13 pcs

Thread on thermowell

_____ pcs

Version of Welded
direct pcs
oblique pcs

_____ other

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	13	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	13	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	13	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

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.

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