

EU Declaration of Conformity

CANOPUS INSTRUMENTS
Technical File Number: CAN-TCF-01/18-19/R-01

Declare under sole responsibility that the following described product in our delivered version complies with the appropriate basic safety and health requirements of the

1. Low Voltage Directive – 2014/35/EU
2. EMC Directive – 2014/30/EU
3. RoHS Directive

Based on its design and type, as brought into circulation by us.

In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity.

Description of the Product

Nomenclature : Signal Conditioners

Model Numbers : (Refer Annexure - I for model number details)

A B C₁ C₂ 2D D E₁ E₂ E₃ E₄ 3 F 1 G H XXX

Applicable Harmonized Standards:

Under LVD Directive
LVD 2014/35/EU : EN61010 – 1, 2010 (Third Edition)

Under EMC Directive
EMC 2014/30/EU : EN 61326 – 1, 2013

Year in which CE Marking was affixed: **2018**

Abhijit Kulkarni – CEO



Date: 1st May 2018

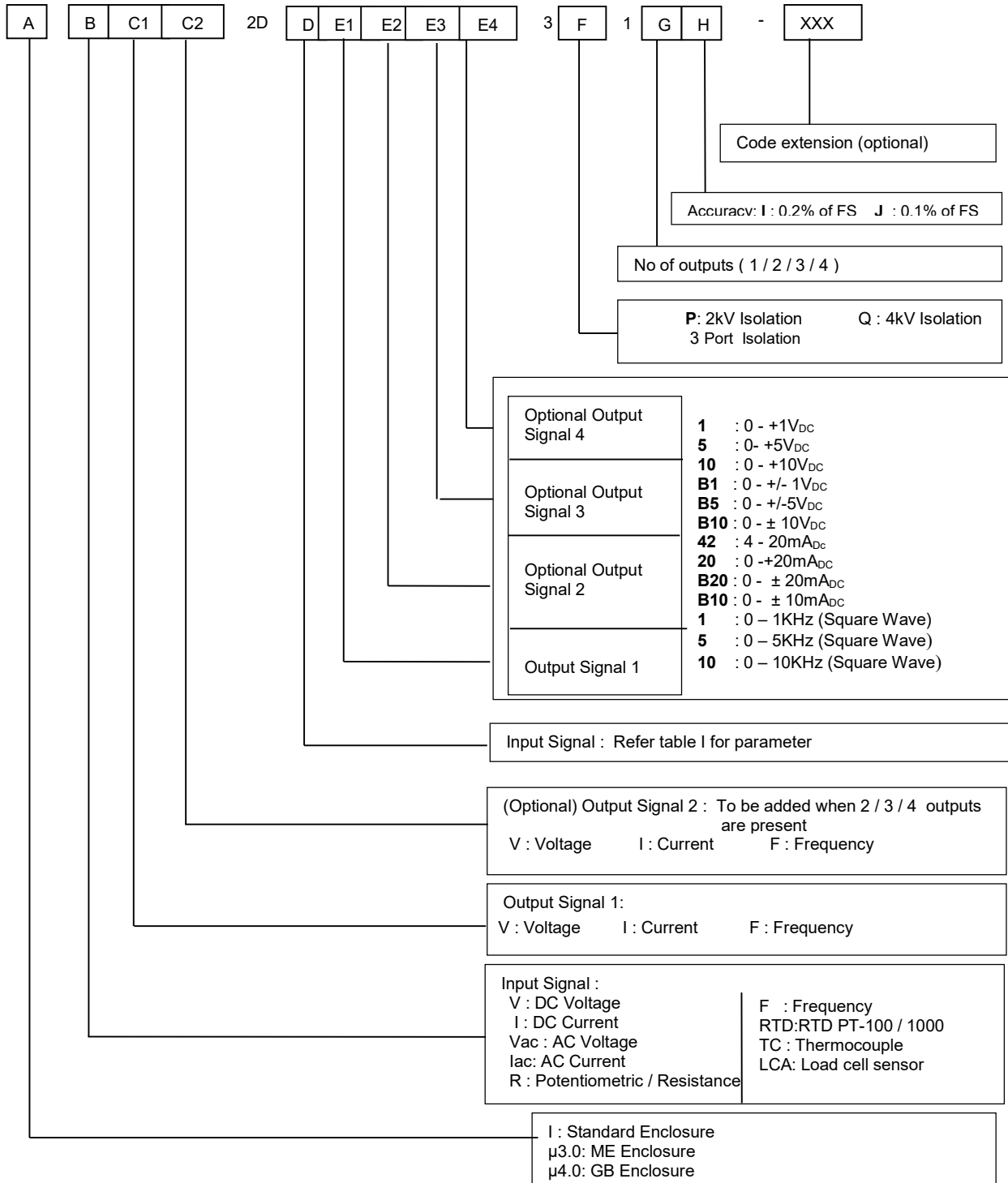
The technical file for the above equipment is available from:

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Germany.

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ANNEXURE – I

SIGNAL CONDITIONERS (24VDC Power Supply) : Product Order Codes



Note: Position 4, 8, 9 and 10 are optional and are to be used only when more than one Output is present.

TABLE - I

<p>DC Voltage Signal</p> <p>75 : 0 – 75mV_{DC} 100 : 0 – 100mV_{DC} B75 : 0 – +/-75 mV_{DC} B100 : 0 – +/-100mV_{DC} 1 : 0 – 1V_{DC} 5 : 0 – 5V_{DC} 10 : 0 – 10V_{DC} B1 : 0 – +/-1V_{DC} B5 : 0 – +/-5V_{DC} B10 : 0 – +/- 10V_{DC}</p>	<p>DC Current Signal</p> <p>1 : 0 – 1 mA_{DC} 5 : 0 – 5mA_{DC} 7.5 : 0 – 7.5mA_{DC} 10 : 0 – 10mA_{DC} 20 : 0 – 20mA_{DC} 42 : 4 – 20mA_{DC} B1 : 0 – +/-1 mA_{DC} B5 : 0 – +/-5mA_{DC} B7.5 : 0 – +/-7.5mA_{DC} B10 : 0 – +/-10mA_{DC} B20 : 0 – +/- 20mA_{DC}</p>
<p>AC Voltage Signal (RMS 50/60Hz)</p> <p>50 : 0 – 50V_{AC} 100 : 0 – 100V_{AC} 100 : 0 – 100V_{AC} 150 : 0 150V_{AC} 300 : 0 – 300V_{AC} 500 : 0 – 500V_{AC}</p>	<p>AC Current Signal (RMS 50/60Hz)</p> <p>1 : 0 – 1A_{AC} 5 : 0 – 5A_{AC} 10 : 0 – 10A_{AC}</p>
<p>Potentiometric / Resistance Signal</p> <p>1K : 0 – 1K Ohm 5K : 0 – 5K Ohm 10K : 0 – 10K Ohm</p>	<p>Frequency (Square Wave) Signal</p> <p>1 : 0 – 1KHz 5 : 0 – 5KHz 10 : 0 – 10KHz 20 : 0 – 20KHz 100 : 0 – 100KHz</p>
<p>RTD PT-100 / PT -1000 Signal</p> <p>RTD PT-100 X : Measurement Temperature Range e.g. -100+100 for range of -100°C to +100°C</p> <p>* Max. Temperature Range : - 200 – +850 Deg C *</p> <p>RTD PT-1000 X : Measurement Temperature Range e.g. -20+150 for range of -20°C to +150°C</p> <p>* Max. Temperature Range : - 50 – +200 Deg C *</p>	<p>Thermocouple Signal</p> <p>XJ : Type J (- 210 – +1200 Deg C)* XK : Type K (- 270 – +1372 Deg C)* XE : Type E (- 270 – +1000 Deg C)* XB : Type B (0 – +1820 Deg C)* XR : Type R (- 50 – +1768 Deg C)* XS : Type S (- 50 – +1768 Deg C)* XT : Type T (- 270 - +400 Deg C)* XN : Type N (-270 - +1300 Deg C)*</p> <p>X : Measurement Temperature Range</p> <p>* : Max. Temperature Range</p>
<p>Load Cell Sensor Signal</p> <p>10 : 0 – 10mV_{DC} B10 : 0 – ±10mV_{DC} 16 : 0 – 16mV_{DC} B16 : 0 - ±16mV_{DC} 20 : 0 – 20mV_{DC} B20 : 0 - ±20mV_{DC} 30 : 0 – 30mV_{DC} B30 : 0 - ±30mV_{DC}</p>	

e.g. The product order code for the following specifications is as follows,

1. Input : 0 - +/-10VDC
 Output : 0 - +/-10VDC
 Number of Outputs : 1 nos.
 Isolation : 3 Port, 2KV
 Accuracy : 0.2% of Full Scale Output
 Supply : 24VDC
 Enclosure : Standard Enclosure

Product Code : I VV 2D B10B10 3P 11I

2. Input : 4 - 20mADC
 Output 1 : 4 - 20mADC
 Output 2 : 0 - +10VDC
 Number of Outputs : 2 nos.
 Isolation : 3 Port, 2KV
 Accuracy : 0.2% of Full Scale Output
 Supply : 24VDC
 Enclosure : Standard Enclosure

Product Code : I IIV 2D 424210 3P 12I

3. Input : RTD PT-100
 Range : 0 – 250°C
 Output 1 : 4 - 20mADC
 Output 2 : 4-20mADC
 Number of Outputs : 2 nos.
 Isolation : 3 Port, 2KV
 Accuracy : 0.2% of Full Scale Output
 Supply : 24VDC
 Enclosure : Standard Enclosure

Product Code : I RTDII 2D 2504242 3P 12I

4. Input : Loadcell (0 – +10mVDC)
 Output 1 : 4 - 20mADC
 Output 2 : 4-20mADC
 Number of Outputs : 2 nos.
 Isolation : 3 Port, 2KV
 Accuracy : 0.2% of Full Scale Output
 Supply : 24VDC
 Enclosure : Standard Enclosure

Product Code : I LCAII 2D 104242 3P 12I