



AC current/voltage input, programmable ranges, etc.
 1, 2 x 4~20 mA (or voltage) outputs
 Input/supply/outputs mutually isolated
 Supply : 85~265 V AC/DC or 20~30 V DC
 Calibration through keys - no trimpots
 4 digit, 7 segment LED display
 RS485/MODBUS RTU option

SPECIFICATIONS

All specifications at ambient of 25 C, unless specified otherwise

INPUT

Input type

AC current
 AC voltage

5 AAC max
 500 V AC max
 Note : Input type is a factory option
 Contact sales
 See Table 1

Other inputs

Display range limits

ACCURACY

Linearity & calibration

See Table 1
 0.02% of span per C

Temperature effect on accuracy

Supply voltage effect

0.002% of span / V

Supply ripple effect, 50/60 hz, 5 Vp - p

0.01% of span

OUTPUTS

No. of outputs

1 or 2

Output type

Standard

Current

0~20 mA, 4~20 mA, 20~0 mA,
 20~4 mA

Load for current output

Voltage

0~500
 0~1 V DC, 0~5 V DC, 0~10 V DC /
 user specified

Load for voltage output

> 10 kohms

Non - standard

Please specify
 Note : For EACH output, one of the
 Std or Non-standard outputs MUST
 be specified

CALIBRATION

ZERO and SPAN through front panel
 keys for each output
 (no trimpots used)

ISOLATION

Mutual isolation between input, supply, output1 & output2

a) 1000 V AC RMS, 50 hz / 1 minute
 b) 250 V AC RMS, 50 hz, continuous

POWER SUPPLY

Supply voltage

85~265 V AC/DC, 50 hz OR
 20~30 V DC

COMMUNICATION

Port

RS485

Protocol

Modbus RTU

Slave ID

User programmable

Baud rate

9600

ENCLOSURE

Material

ABS plastic

Dimensions (in mm)

70(W) x 75(H) x 110(D)

Mounting

Snap on for 35 mm DIN rail to
 DIN 46277

Connection, single/stranded wires

2.5 mm², AWG 14

Protection

IP20

TEMPERATURE, HUMIDITY

Ambient, storage

-22 ~ +85 C

Ambient, operation

0 ~ 50 C

Relative humidity

0 ~ 95%

OTHER

Programming

With 3 keys & built-in display

Keypad

Tactile, 3 keys

Display

4 digit, 7 segment 0.3" (7.62 mm)
 red LED display

PROGRAMMABLE PARAMETERS

Input Hi

Maximum display value

Input Lo

Minimum display value

Unit

AAC, V AC

Resolution

1, 0.1, 0.01, 0.001

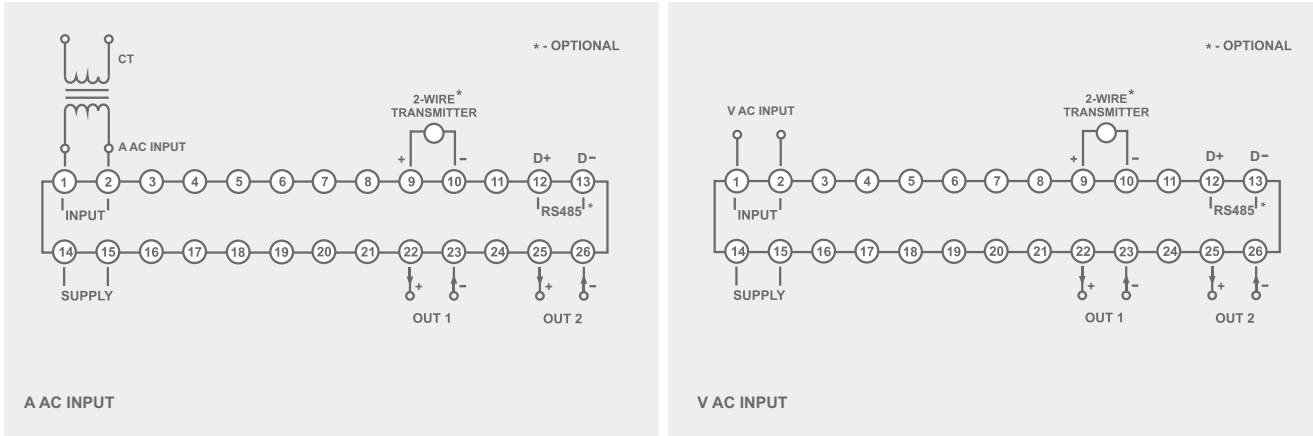
Sensor break

Upscale, Downscale for each output

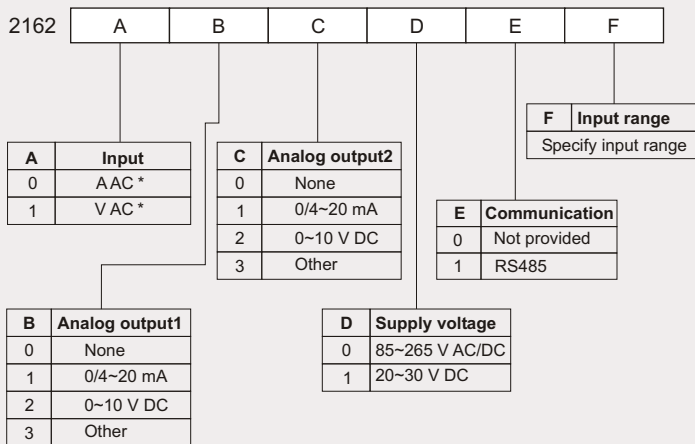
TABLE 1

SENSOR / INPUT	RANGE	RANGE LIMITS		TYPICAL ACCURACY AT 30 °C (% SPAN)	WORST CASE ACCURACY (% SPAN)
		LOW SCALE	HIGH SCALE		
AAC	0~1 AAC, 0~5 AAC	0	9999	± 0.5	± 1
V AC	Any (<500 V AC)	0	9999	± 0.5	± 1

CONNECTION DIAGRAM



ORDERING INFORMATION



Examples :

- Input : AAC
Output1 : 4~20 mA
Output2 : 0~10 V DC
Supply : 85~265 V AC
Communication : Not required
Range : 0~1 AAC
A=0, B=1, C=2, D=0, E=0, F=0~1 AAC
- Input : V AC
Output1 : 4~20 mA
Output2 : 0~20 mA
Supply : 20~30 V DC
Communication : Required
Range : 0~30 V AC
A=1, B=1, C=1, D=1, E=1, F=0~30 V AC