

# Task 120

## Weight Indicator



### Features

- High accuracy weigh indicator.
- Panel mount, sealing rating up to IP65.
- Isolated inputs and outputs.
- Fully programmable via keypad and communications port.
- 4.5 digit, bright red LED display.
- Auto calibration.

### Options

- Range of analogue outputs, set points and communication protocols.
- Panel or DIN rail mount.

### Description

The Task 120 is a compact, microprocessor based unit, specifically designed to indicate and control weighing applications. It's flexibility of design enables it to be connected to a wide range of load cells. The industrial standard DIN 72mm x 72mm front panel offers a full 4.5 digit bright red LED display, together with a 4 switch arrangement for programming and reviewing parameters. Options include a range of analogue outputs including 4-20mA, 2 volts free relay contact relays with in-flight and a range of communications module.

# ENGINEERING SPECIFICATIONS

## TASK 120

### Specifications

#### Display

7 segment LED 4.5 digit RED  
2 x LED's for relay status, 1 x LED for program/hold

#### Controls

4 membrane panel keys with tactile feedback.

#### Data retention

10 years for setup values; keypad disable function.

#### Accuracy

Typically  $\pm 0.08\%$  of output.

#### Resolution

As display resolution (upto max 15 bit)

#### Isolation

130v RMS or DC max to analogue output or other part.

#### Physical

Case size 72 x 72 x 163mm (excl. mounting terminals)

#### Environmental conditions

Operation:  $-10^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ , Storage:  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ .

#### Relative humidity

95% max, non condensing.

#### Protection

Front panel IP65

#### Case material

Grey noryl, flame retardant.

#### Panel cut out

67 x 67mm

#### Terminal

2.5mm saddle field terminals.

#### Power supply options

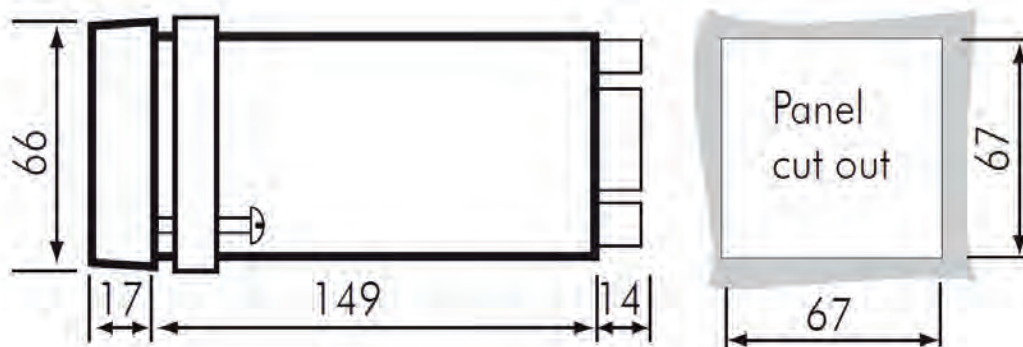
220-240vac 50-60Hz 10W

110-120vac 50-60Hz 10W

18-60vdc 10W isolated.

### PART NUMBERS

Base unit	Part number	Option cards	Part number	DIN rail kit
24 vdc 110 vac 220 vac	AW120/00000 AW120/00001 AW120/00002	4-20mA 2 relay setpoints 0-10 volts dc 0-5 volts dc RS232/RS485	AW120/00100 AW120/00020 AW120/00500 AW120/00700 AW120/00400	AW120/00800
Loss in weight	Part number	Multi setpoint	Part number	Relay modules
24 vdc 110 vac 220 vac	AW120/05000 AW120/05001 AW120/05002	24 vdc 110 vac 220 vac	AW120/06000 AW120/06001 AW120/06002	AW120/00040 (4) AW120/00050 (8)



All dimensions in mm

Refer to installation documents before use

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