

## IND320

### Special Batching Controller



#### Applications

- Concrete blending equipment
- Batching application(1 ~ 4 materials)

#### Standard Features

- 128\*32 dot-matrix OLED display, friendly used.
- CalFree™
- 3 batching recipes
- Multi protocols support: MT Continuous, Command, ModBus
- Fully compatible with IND140.0X

#### Specifications

- **Display:**  
128\*32 dot-matrix OLED display
- **Enclosure:**  
Panel-Mount  
304L stainless steel front; aluminum frame  
Type 4x and type 12 protection - comparable to IP65
- **Key:**  
➢ 4 flat switch membrane with tactile-feel keys;  
➢ 1.2mm polyester(PET) overlay
- **Power:**  
20~30VDC input, lower Power Consumption: 8W
- **Compliance and Approvals**  
**CE & UL**
- **Digital Discrete Inputs/Outputs**
  - 1 input and 4 outputs on mainboard.
  - 3 inputs and 8 outputs on extended DIO interface board.
  - **Inputs**  
Type: optoelectronic isolation input,  
Status unavailable : 12~24VDC high level signal input  
status available : 0~3VDC low level signal input:
  - **Outputs**  
Type: optoelectronic isolation output  
Status available: High impedance  
Status unavailable: Support 5V-30V Sinking Current  
Max current: 200mA per channel

#### Specifications(continued)

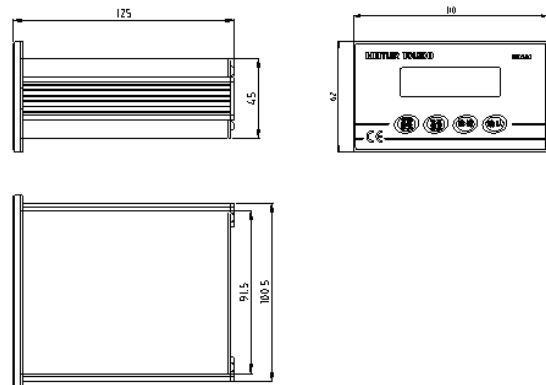
- **Communication**
  - Serial Interface:  
1 RS-232/RS-485
  - Protocol:  
Mettler Toledo Continuous, Command output, Modbus RTU
- **Environment.**
  - Operating environment: -10°C to 40°C at 10% to 95% relative humidity and not condensing.
  - Storage environment: -40°C to 60°C at 10% to 95% relative humidity and not condensing.
- **Scale Interface**
  - 6 350Ω analog load cells max
  - Excitation Voltage: 10 VDC
- **Measurement Accuracy**
  - TraxDSP dynamic digital filtering

#### Dimensions (in millimeters)

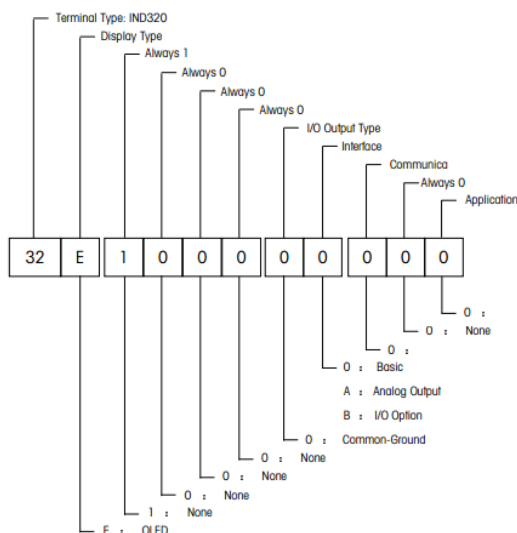
##### Front Panel: 110\*62

Enclosure Size: 127.3 \* 91.5 \* 45

Cutout Dimension: 92.5 \* 45.5



#### Model Identification



#### IND320 Series

BOM	Model	Type	Conf.
30036073	32E-1000-00-000-000	E00	Single Materiel
30036074	32E-1000-0B-000-000	E02	1~4 Materiel
30036075	32E-1000-0A-000-000	E08	0~10V/4~20mA analog output

Specification subject to change without notice.

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