

IND320

Special Batching Controller



IND320 is a special controller that designed for concrete blending equipment, and it is used for batching and blending application. IND320 is the replacement of IND140.

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 Continous, Command, ModBus
- Fully compatible with IND140.OX

Specifications

- **Display:**
128*32 dot-matrix OLED display
- **Enclosure:**
Panel-Mount
304L stainless steel front; aluminum frame
Type 4x and type12 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)

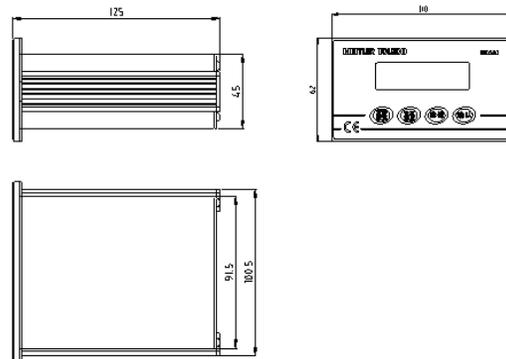
- **Communication**
 - Serial Interface:
1 RS-232/RS-485
 - Protocol:
Mettler Toledo Continuous, Command output, Modbus RTU
- **Environment.**
 - Operating environment: -10°C to 40°C at 10% to 95% relative humidity and not condensing.
 - Storage environment: -40°C to 60°C at 10% to 95% relative humidity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

Dimensions (in millimeters)

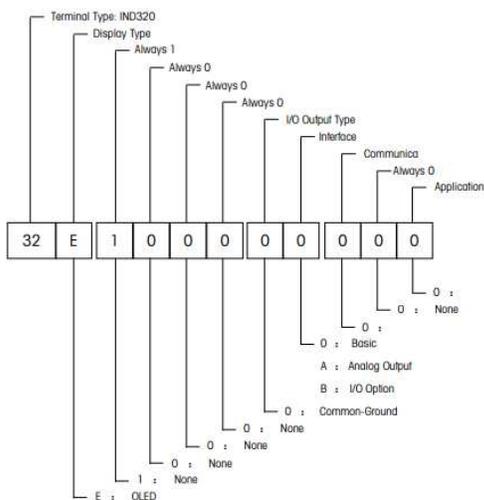
Front Panel: 110*62

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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