

UNI900A Loss-In-Weight Controller Features

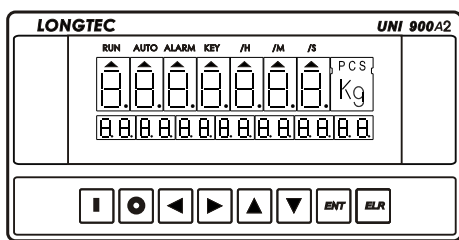


- ◆ 32-bit high-speed MCU, which can accurately track target flow with really small dead zone and realize high-accuracy flow control
- ◆ Advanced model control algorithm can accurately predict the effect of every control value, so as to adjust the control value in advance with fast response and small overshoot
- ◆ Multi belt scales can compose a master-slave batching system through CAN interface
- ◆ Adopts incremental control method without fluctuation when auto/manual switches
- ◆ Auto non-linear adjustment
- ◆ Standardizes weighing signal into millivolt, specially convenient for users
- ◆ With volumetric measurement mode
- ◆ All function can be customized
- ◆ Complete aluminum shell mold, strong and durable
- ◆ 8-ch isolation switch inputs, 8-ch relay outputs
- ◆ RS232/485 interface, CAN interface (optional), DP interface (optional) and CC-Link (optional)
- ◆ 1-ch 4~20mA signal input, 2-ch 4~20mA outputs (the 3rd ch output of 4-20mA optional)

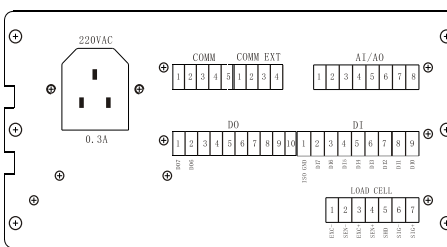
Specifications

- ◆ Power supply : DC 10V±5%, Max.250mA
- ◆ Output sensitivity : 0.3μV/d~0.3mV/d
- ◆ Temp. Coefficient : ≤(0.0008% of reading +0.3division)/°C
- ◆ Non-linear deviation : ≤0.005% of F.S
- ◆ Sample rate : Max. 200times/s
- ◆ Division : 1, 2, 5
- ◆ Display range : 100~250,000
- ◆ Load cell type : all kinds of strain gauge load cells
- ◆ Adjustable zero voltage range : 0.05mV~21.0mV
- ◆ Valid input voltage range : 0.05mV~30.0mV
- ◆ Sampling method : Delta-sigma
- ◆ Internal resolution : 1/16,000,000

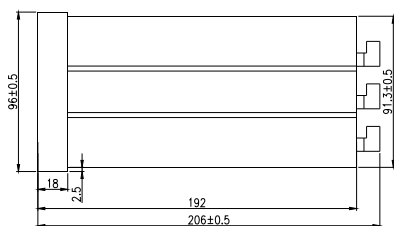
View of Front Panel



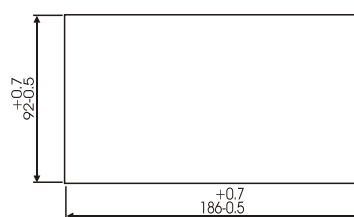
Terminals on Gear Panel



Dimensions (mm)



Front View



Perforation Size

Fit for loss-in-weight batching system and loss-in-weight constant flow measuring system