

UNI900B Belt Scale Controller

Features

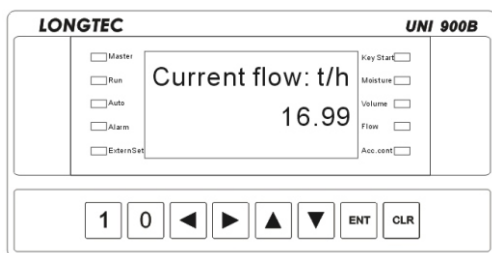
- ◆ 32-bit high-speed MCU, which can accurately track target flow with really small dead zone and realize high-accuracy flow control
- ◆ Advanced model control algorithm can accurately predict the effect of every control value, so as to adjust the control value in advance with fast response and small overshoot
- ◆ Multi belt scales can compose a master-slave batching system through CAN interface
- ◆ Adopts incremental control method without fluctuation when auto/manual switches
- ◆ Accumulation and moisture compensation
- ◆ Standardizes weighing signal into millivolt, specially convenient for users
- ◆ With volumetric measurement mode
- ◆ 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)



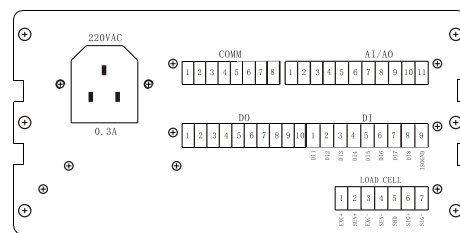
Specification

- | | | | |
|---------------------------------|--|-----------------------------|--------------------|
| ◆ Power supply | : AC 180V~265V, 50/60Hz | ◆ Power consumption | : ≈ 15 W |
| ◆ Working temperature | : -5°C~65°C (23°F~137°F) | ◆ Pulse signal input range | : 5Hz~4KHz |
| ◆ Load cell type | : all kinds of strain gauge load cells | ◆ Output sensitivity | : 0.3 μV/d~0.3mV/d |
| ◆ Adjustable zero voltage range | : 0.3mV~15.0mV | ◆ Valid input voltage range | : 0.3mV~30.0mV |
| ◆ Temp. Coefficient | : ≤(0.0008% of reading +0.3 division)/°C | ◆ Sampling method | : Delta-sigma |
| ◆ Sample rate | : Max. 200times/s | ◆ Non-linear deviation | : ≤0.005% of F.S |

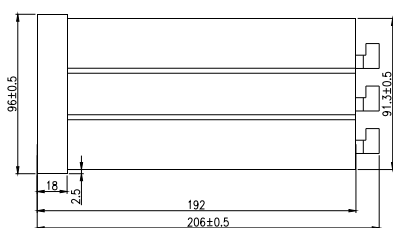
View of Front Panel



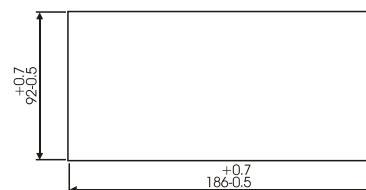
Terminals on Gear Panel



Dimensions (mm)



Front View



Perforation Size

Fit for belt (screw) measuring scale, belt (screw) batching scale