LP7918 AGV Smart Weighing System Kit

The LP7918 series forklift weighing system is installed on motorized forklifts/pallet handling AGVs to add weighing capabilities. It mainly consists of load cells and transmitters, with customized assembly schemes based on different forklift types.

Load Cell Parameters

- Rated Capacity: 4t
- Accuracy Class: C1
- Rate Output: 1.5 ± 0.002 mV/V
- Non-linearity: ±0.05% F.S.
- Creep(30 min): ±0.05% F.S.
- Input Impedance: 385±10Ω
- Output Impedance: 350 ± 5 Ω
- Operating Temperature: -10° C ~ +40° C
- Safe Overload: 150% F.S.
- Destructive Load: 200% F.S.
- Excitation Voltage Range: 4–12 VDC (Max: 15 VDC)
- Material: Alloy steel, IP66
- Application Scenarios: Crane scales, testing equipment

(load cell size customized to chain specifications)







Transmitter Parameters

- Indicator Model: LCWAGVO1
- Power Supply: DC12V-30V
- Bridge Excitation Channels: 2PCS
- Operating Current: <50mA
- Operating Temperature Range: -10°C ~40°C
- Indicator Protocol: CAN Communication Protocol for AGV
- Load Cell Sensitivity: 1 mV/V ~ 3 mV/V
- Baud Rate: Default 125 kbps (Configurable)
- Standard: CAN 2.0A
- ID Length: 11 bit
- Data Format: Little-endian mode

Dimensions

Unit (mm)

