Dual-Channel Plug-In Weighing Module for the Rockwell 1756 ControlLogix Chassis

FEATURES

- Integrates weighing into an Allen-Bradley® PLC
- The BLH Nobel 1756-WM module is designed to directly plug into a Rockwell® 1756 ControlLogix® chassis
- Configuration and calibration through the PLC
- Dual inputs, up to eight 350 ohm load cells
- Excitation supply:
  - Single channel: Up to four 350-ohm load cells
  - Dual channel: Up to eight 350-ohm load cells
- Digital filters

APPLICATIONS

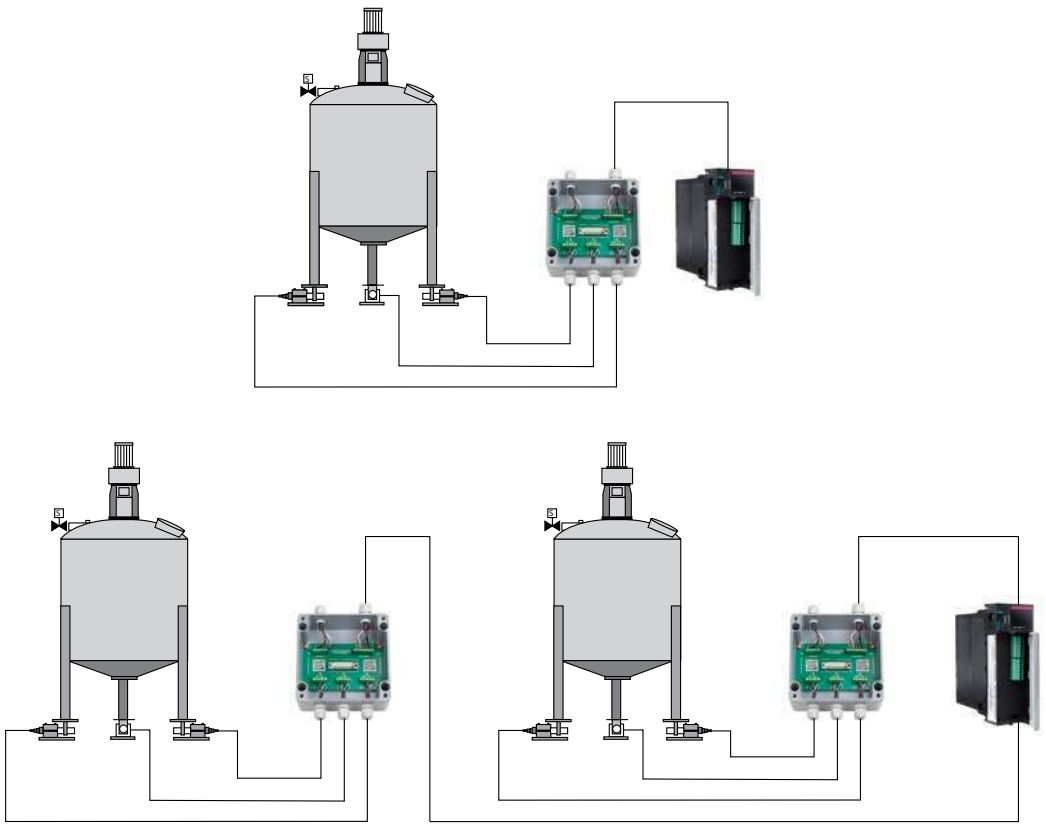
- Silo, bin, vessel and hopper weighing
- Inventory measurement and process control

DESCRIPTION

The BLH Nobel-1756-WM module fits in a single slot in 1756 ControlLogix chassis. It's powered directly from the I/O chassis backplane and needs no additional connections besides to the load cells.

Set-up and calibration is done with the Rockwell® RSLogix 5000® Software and requires no external configuration utilities.

TYPICAL CONFIGURATIONS



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SPECIFICATIONS	
PARAMETER	**VALUE**
PERFORMANCE	
Full scale range	Approx. ±5.8 mV/V
Linearity	±0.02% of 2 mV/V
Excitation voltage	4.3 VDC
Load current	50 mA (4 parallel 350 ohm LC)
ENVIRONMENTAL	
Operating temperature	0°C to +60°C (+32°F to +140°F)
ENVIRONMENTAL	
Backplane power consumption	24V @ 85 mA, 5V @ 40 mA
ENCLOSURE	
Overall dimensions	Single slot
Mounting	1756 ControlLogix® Chassis
Input connector	Screw connection plug
CONFIGURATION	
Tools	Rockwell® RSLogix5000® (PLC Development Software)
Calibration	Datasheet and known weight
50/60 Hz filter	Yes, selectable
Low pass filter	Yes, averaging; selectable number of samples
Motion stabilization filer	Yes, selectable sensitivity
Zero band	Yes, selectable range (zero track type function)
Warranty	One year against defects in workmanship

BLH Nobel is continually seeking to improve product quality and performance. Specifications may change accordingly.

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