

DOM-01

 | Digital Module Box


Features

- ▶ Analog Digital Load Cell
- ▶ Compact design for installation
- ▶ Load cell status test possible
- ▶ RS-485 Interface Output

Application

- ▶ Various force and load monitoring
- ▶ Platform Scale
- ▶ Truck, Rail scale
- ▶ Hopper, Silo, Tank Scale

Specifications

Model	DOM-01	DMP-4P	DMP-8P
No. of Load cell connection	1ea	Up to 4ea (4P)	Up to 8ea (8P)
Product Weight	About 0.2kg	About 0.6kg	About 0.6kg
Product Size (W x D x H)	103x29x48mm	223x33x141.5mm	224x75x168mm
Description	Min	Type	Max
Bridge sensor power supply		DC 5V	
Bridge Input Impedance	43Ω	350Ω	5,000Ω
Sensitivity		-1.2~3.2mV/V	
Bridge Sensor Power Supply		4-wire	
Gain drift 2.5 ppm		2.5 ppm/°C	
Nonlinearity		0.0004 % of FSR	
Internal Resolution @ 10Hz Sampling		60,000 Counts	
Internal Resolution @ 80Hz Sampling		30,000 Counts	
Power supply voltage and current (350Ω bridge)		DC 9~24V, 25mA~30mA/module	
Communication speed		1,200~115,200 BPS	
Temperature range	Calibration temperature range	-10~40°C	
	Operating temperature range	-20~80°C	