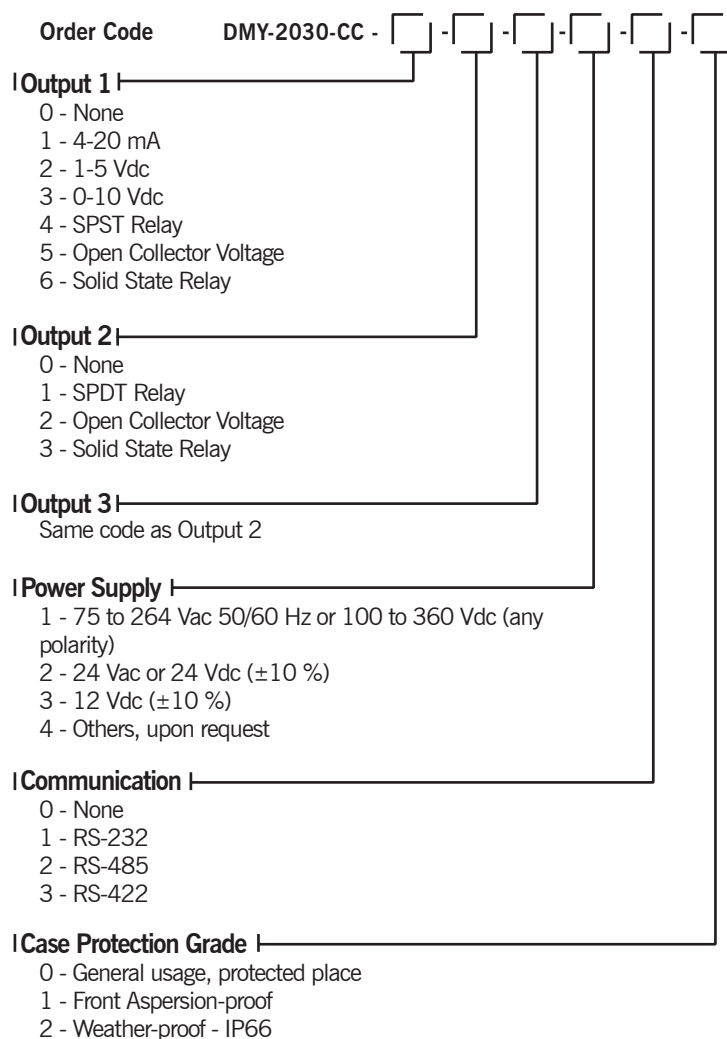




Digital Indicator for Load Cell DMY-2030-CC

- Specially developed for use with load cell.
- Input range from -30 mV to 30 mV.
- Indication with peak hold, minimum and maximum.

- 10V / 100mA power supply for load cell.
- TARE function configurable.



Dimensions
 310 x 310 x 200 mm (HxWxD)
Weight
 11 kg nominal

Specifications

Inputs

One -30 to 30 mV input.
 Input impedance >10 M Ω .

Outputs

4-20 mA (750 Ω maximum load), 1-5 Vdc or 0-10 Vdc analog retransmitter. Galvanically isolated module to 300 Vac from power supply and inputs, one SPST relay module (replacing the analog output) and up to 2 SPDT relay modules, rated for 3A/220 Vac. Logic signal, open collector transistor, 24 Vdc/40 mA maximum with isolation. Solid state relay, 2A/250 Vac with isolation.

Serial Communication

RS-232 or RS-422/485 with 50 Vdc isolation. MODBUS®-RTU Communication Protocol.

Indication

4 $\frac{1}{2}$ digit red leds display (14 mm).
 Can be configured together with the decimal point.

Configuration

By front-panel push-buttons and internal jumpers.

Sampling Rate

64 ms standard.

Accuracy

$\pm 0.1\%$ of full scale for inputs.
 $\pm 0.5\%$ of full scale for analog retransmitter output.

Span Temperature Coefficient

$\pm 0.005\%$ of span / $^{\circ}\text{C}$ using 25°C as the reference temperature.

Power Supply for load cell

10 Vdc/100 mA.

Power Supply

75 to 264 Vac 50/60 Hz or 100 to 360 Vdc
 (10 W nominal); 24 Vac/dc ($\pm 10\%$); 12 Vdc ($\pm 10\%$).

Operating Ambient

0 to 60°C temperature and 90 % maximum relative humidity.

Dimensions

1/8 DIN (48 x 96 x 187 mm) HxWxD, (45 x 92 mm) HxW panel cutout.

Weight

0.5 kg nominal.

Warranty

One year.