

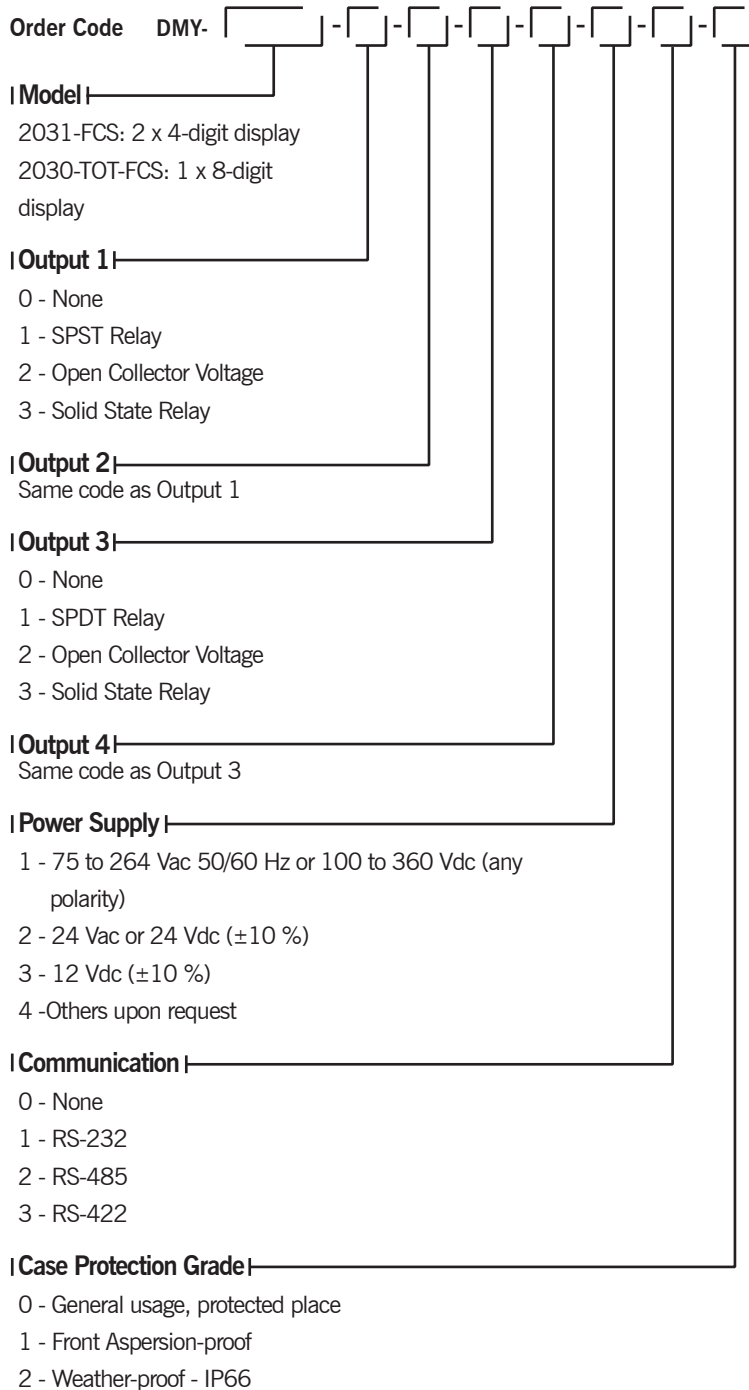


# Process Counter DUAL

## DMY-2030-TOT-FCS

## DMY-2031-FCS

- Ideal for counting of sacks, barrels, etc. or pulses of any sector.
- Up to four digital output modules with SPDT and SPST relays.
- RS-232 or RS-422/485 Communication.
- DMY-2030 -TOT-FCS: Up to 8-digit configurable display.
- DMY-2031-FCS: Two 4-digit displays (14 mm and 9 mm).
- Robust construction in order to withstand the harshest conditions of industrial use.
- Universal power supply of 75 to 264 Vac, 50/60 Hz or 100 to 360 Vdc; 24 Vac/dc and 12 Vdc, as ordered.
- Aspersión-proof Front-panel (optional).
- Configuration stored in non-volatile memory.



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

## Specifications

### Inputs

Frequency inputs for signals up to 500 Hz, from 300 mVpp to 30 Vpp. DIN 19234 compliance for intrinsically safe NAMUR sensors.

### Outputs

SPST and SPDT relays rated for 3A/220 Vac.  
Plug provided for up to 4 modules. 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

DMY-2031-FCS: Two 4-digit red leds displays (9 and 14 mm).  
DMY-2030-TOT-FCS: One 8-digit red leds display (9 mm).  
Can be configured together with the decimal point.

### Totalization Range

DMY-2031-FCS: 0 to 9999 counts.  
DMY-2030-TOT-FCS: 0 to 99999999 counts.  
Can be configured together with the decimal point.

### Configuration

By front-panel push-buttons and internal jumpers.

### 2-wire Transmitter Power Supply

24 Vdc/50 mA maximum, isolated from output with short circuit protection.

### 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 Range

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.