

# Totalizers electromechanic

Impulse counters adding, imprint on card  
Display 5- or 6-digits, manual reset by lever

## FD270



FD270 - Impulse counter

### Features

- Large pulse counter
- Adding
- Display 5- or 6-digits
- Imprint of the measured result on card, paper stripes or labels
- Manual imprint, reset and ink ribbon transport by reset lever

### Technical data - electrical ratings

|                     |   |
|---------------------|---|
| Voltage supply      | 115 VAC $\pm 10\%$ (60 Hz)<br>230 VAC $\pm 10\%$ (50 Hz)<br>24 VDC $\pm 10\%$ |
| Ripple residue      | <48 %   |
| Nominal frequency   | 50 / 60 Hz  |
| Current consumption | $\leq 600$ mA   |
| Power consumption   | 14 W, 20 VA   |
| Pulse ratio         | 1:1   |

### Technical data - mechanical design

|                         |   |
|-------------------------|---|
| Display                 | White numbers on black                            |
| Number of digits        | 5 digits<br>6-digits                              |
| Digit height            | 7 mm (numeral readout)<br>3 mm (printed numerals) |
| Count mode              | 1 impulse = 1 count                               |
| Step-by-step switching  | Adding in whole steps                             |
| Measuring range         | 99 999 and 999 999                                |
| Reset                   | Manual by reset lever                             |
| Imprint                 | With lever, without reset<br>By lever upon reset  |
| Card thickness          | $\leq 0.3$ mm                                     |
| Card width              | 85...0 mm   |
| Ink ribbon transport    | Manual by knurled knob                            |
| Ambient temperature     | 0...+45 °C  |
| Storing temperature     | -20...+70 °C                                      |
| Relative humidity       | 80 % non-condensing                               |
| Protection DIN EN 60529 | IP 41   |
| Housing type            | Housing with ground plate                         |
| Connection              | Cable gland PG 9                                  |
| Mounting                | Surface mount housing                             |
| Dimensions W x H x L    | 237 x 152 x 113.5 mm                              |
| Weight approx.          | 3500 g  |
| Material                | Aluminium die cast alloy                          |

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## Part number

FD270.

### Display

- A5 5 digits 9999.9
- A7 5 digits 99999
- C1 6-digits 999 999
- B7 6-digits 99999.5,  
count mode 0-5-0-5

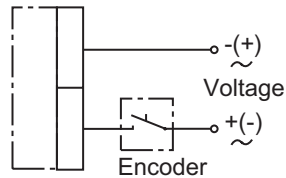
### Voltage

- 1 24 VDC
- 5 115 VAC / 60 Hz
- 6 230 VAC / 50 Hz

### Imprint / reset

- 010A Imprint and reset operation parallel
- 020C Imprint and reset operation separate

## Connection diagram



## Trigger level

|                 |                         |
|-----------------|-------------------------|
| <b>Voltage</b>  | <b>24 VDC ±10 %</b>     |
| Power           | 14 W                    |
| Nominal current | 600 mA                  |
| Resistance      | 38 Ω                    |
| <b>Voltage</b>  | <b>115 VAC ±10 %</b>    |
| Power           | 20 VA                   |
| Nominal current | 180 mA                  |
| Resistance      | 50 Ω                    |
| <b>Voltage</b>  | <b>230 VAC +6/-10 %</b> |
| Power           | 20 VA                   |
| Nominal current | 80 mA                   |
| Resistance      | 290 Ω                   |

## Dimensions

