

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) 230 VAC $\pm 10\%$ (50 Hz) 24 VDC $\pm 10\%$
Ripple residue	<48 %
Nominal frequency	50 / 60 Hz
Current consumption	≤ 600 mA
Power consumption	14 W, 20 VA
Pulse ratio	1:1
Approval	CE conform

Technical data - mechanical design

Display	White numbers on black
Number of digits	5-digits 6-digits
Digit height	7 mm (numeral readout) 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 By lever upon reset
Card thickness	≤ 0.3 mm
Card width	85...0 mm
Ink ribbon transport	Manual by knurled knob
Operating temperature	0...+60 °C
Storing temperature	-20...+70 °C
Relative humidity	80 % non-condensing
Protection DIN EN 60529	IP 41
Housing type	Housing with ground plate
E-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

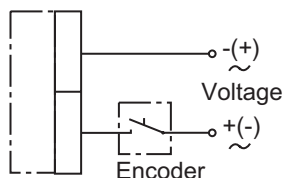
Voltage

- 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

Voltage	24 VDC $\pm 10\%$
Power	14 W
Nominal current	600 mA
Resistance	38 Ω
Voltage	115 VAC $\pm 10\%$
Power	20 VA
Nominal current	180 mA
Resistance	50 Ω
Voltage	230 VAC $\pm 6/-10\%$
Power	20 VA
Nominal current	80 mA
Resistance	290 Ω

Dimensions

