

## Digital Panel meter

### Type M2

for speed measurement with torque transducers with option speed



The units of the M2-series are equipped with a MIN/MAX store and optionally with two switched outputs. The light-intense of the LED and the simple operation via membrane keyboard make a daily use easier. The indication of this panel meter is 5 digits. The display is scalable against the input frequency.

Assembly dimension	Power supply	Order code
96x48	24V DC	M2-1FR5B.0007.670AD
96x48	230V AC	M2-1FR5B.0307.570AD

#### Available options:

M2-	1FR5B	0307	57	2	AD
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#### Switching points:

None	0
2 Relay outputs	2

## Mechanical dimensions:

Housing (B x H x T)	96 x 24 x 148
Panel recess (B x H)	92,0 <sup>+0,8</sup> x 22,2 <sup>+0,6</sup>

## Technical data:

Protection:	Front:	IP65
	Connection:	IP00
Connection:	Rear :	via plug-in-terminals up to 2,5mm <sup>2</sup>
Measuring input:	Measured signal:	Pulse input; 3-core-initiator
	Input resistance:	Ri at 10V ≥ 4kΩ High/Low level => 10V / <6V High/low TTL-level = > 4,6V / <1,9V
	Input frequency:	0,01Hz to 999,99kHz
Accuracy:	Measuring fault:	±0,005% of full scale
	Temp. drift:	100ppm/K
Output:	Relay output:	with change-over contact 250 V / 2 AAC, 30 V / 2 ADC
Indication:	Display:	LED with 7 segments, 14mm high 5 digits=display 99999 Digit
	Overflow:	transversal bars at the head
	Underflow:	transversal bars at the bottom
	Display time:	0,1 to 10,0 seconds
Ambient conditions:	Working temperature:	0 bis +50°C
	Storing temperature:	-20 bis +80°C
Power supply:	Voltage:	230 VAC +/- 10 % (max. 10 VA) 10-30 VDC +/- 10 %, indirect coupled (max. 4 VA)