



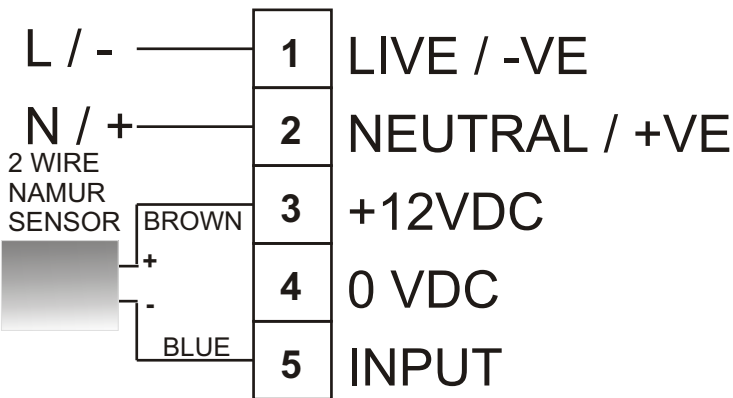
Model 489RPM Autoranging RPM Indicator



THE 489RPM INDICATOR IS AN AUTORANGING RPM INDICATOR, WHICH WILL DISPLAY THE RPM ON A 4 DIGIT RED LED DISPLAY.

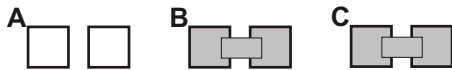
THE RANGE AUTOMATICALLY CHANGES FROM 9,999 RPM UP TO 6000 RPM

WIRING DIAGRAM

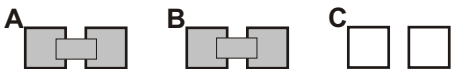


Various Probe Options

2 - Wire Namur Sensor
12 Volts DC Pulses
3 - Wire Proxy's PNP



3 - Wire Proxy's NPN



24 Volts DC Pulses



DIVISION FACTORS

| DIPSWITCH | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-------------|---|---|---|---|---|---|---|---|
| INPUT / 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| INPUT / 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| INPUT / 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| INPUT / 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| INPUT / 5 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| INPUT / 6 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| INPUT / 7 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| INPUT / 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| INPUT / 9 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| INPUT / 10 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| INPUT / 11 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| INPUT / 12 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| INPUT / 13 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| INPUT / 14 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| INPUT / 15 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| INPUT / 16 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| | | | | | | | | |
| | | | | | | | | |
| INPUT / 255 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

THE SETUP WORKS WITH A BINARY CODE, EG. 1 = 1

- 2 = 2
- 3 = 4
- 4 = 8
- 5 = 16
- 6 = 32
- 7 = 64
- 8 = 128

FOR A DIVISION FACTOR OF '135',

$$\begin{aligned}
 135 &= [128] + [4] + [2] + [1] \\
 &= \text{ALL DIPS OFF EXCEPT} \\
 &\quad \text{DIP 8, DIP 3, DIP 2 and DIP 1} \\
 &\quad \text{WHICH ARE ON.} \\
 &= 1110 0001
 \end{aligned}$$