

RS Series



FEATURES:

- Low cost
- Easy to read led display
- Screw terminal connections
- Small panel footprint
- Programmable scaling, decimal point & sample time
- RPM or line speed modes

DESCRIPTION:

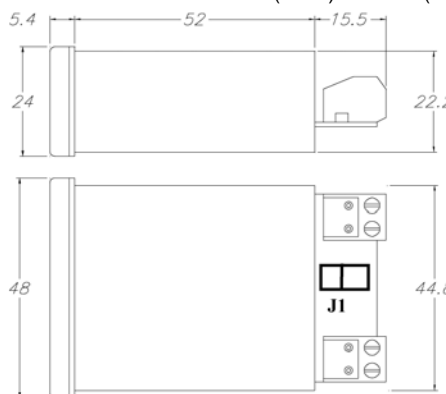
The RS Series are panel mount Tachometers / Line Speed meters. Their programmable scaling makes them capable of displaying RPM, frequency and line speed as well other units of rate or flow.

SPECIFICATIONS:

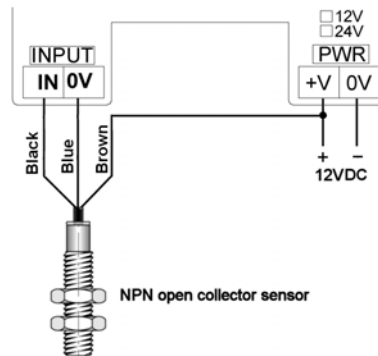
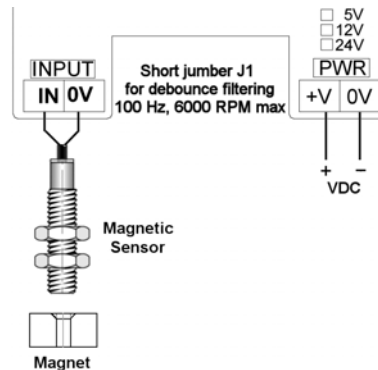
Function	Tachometer (rpm, frequency) / Line speed meter
Display	4 digit, LED, 9.14mm, 0.36" high characters, 0 - 999
Power Supply	5V, 12V or 24V DC
Consumption	0.5W max.
Input	Non-voltage contact closure / NPN open collector. (PNP upon request)
Input speed	1k Hz Max (jumper J1 for low speed inputs 100 Hz)
Housing	Plastic
Mounting	Panel mount, cutout: 45mm (1.77") x 22mm (0.866")
Connection	Screw terminals
Temperature	Operating: 14 to 131°F (-10 to 55°C) no icing, Storage: -13 to 149°F (-25 to 65°C)
Humidity	35% to 85% RH

DIMENSIONS: mm (1mm = .03937", 1"= 25.4mm)

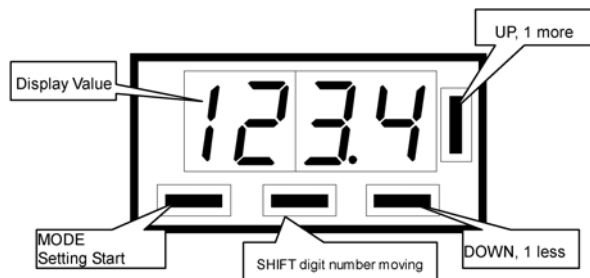
Panel cutout: 45mm (1.77") x 22mm (0.866")



WIRING EXAMPLES: model RS-N...



PROGRAMMING SETUP:



Hold "mode" key around 0.5 second to enter the parameter setting mode

SPT	Sampling time(SPT): if the setting value is going high, the display will become more stable, but the response will going slower. Press SHIFT key to start setting, the range: 0.1~9.9 sec.
SCL	Scaling Setting(SCL): setting input signal scaling, RPM = Frequency x 60 / SCL, press SHIFT key to start the setting. Range:0.1~999.9
Pnt	Decimal Point (Pnt): setup the position of decimal point of current value, press SHIFT key to start the setting, then press it again to change the setting
mode	Measuring Mode(MODE): setup RPM or LINE SPEED mode. Press SHIFT key to start the setting and press UP/DOWN key to change it. $rP\bar{n}$ =RPM $L\bar{i}nE$ =LINE SPEED
di n	Dimension Setup (DIM): setup the dimension of ROLLER. It is necessary at the LINE SPEED MODE and the range is :1~9999mm Line Speed(M/min) = Signal Frequency x 60 x (PI) x dimension

Ordering Information: i.e.: RS-N-2M

MODEL CODE: RS Series - N - 2 M
 1 Input: N=NPN, (P=PNP upon request)
 2 Power Supply: 1=5V, 2=12V, 3=24V, DC