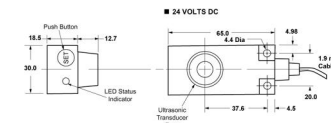




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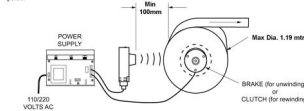
Sensor - Ultrasonic - For Brakes



MAINTAIN CONSTANT TENSION: The Ultrasonic Sensor is used for maintaining constant tension when using a brake for producing unwind (payoff) tension, or when using a clutch for rewind tension. When the target is within range, the LED Status Indicator glows continuously.

NOTE: Connects to Starting Instrument open power supply without ammeter. S90MPS-24.

APPLICATION:
The sensor measures the diameter of the roll and sends a 0-10V DC signal to the power supply. Torque is automatically varied as roll size changes to keep tension constant. The sensor measures distances by sending an ultrasonic pulse of sound, and then measuring the time for the return echo pulse.



For maintaining constant tension when using a brake for producing unwind tension.

Also used when using a clutch for rewind tension.

When target is within range the LED Status Indicator glows continuously.

Uses Power Supply S90MPS-24 (See category - Power Supplies).

Sensor measures diameter of the roll and sends a 0-10V DC signal to power supply.

Torque is automatically varied as roll size changes to keep constant tension.

Sensor - Ultrasonic - For Brakes

Part Number	Power Input V DC	Range mm <i>inches</i>	Output Resolution V DC	Repeatability mm (in.)	Resolution mm (in.)	Temp Range Deg. C
# S90MPU-BIP67	15 to 30 VDC (35mA Max)	99.06 to 698.50mm (3.9 to 27.5 in.)	0-10	0.5mm (0.02 in.)	0.3mm (0.012 in.)	0 to 60 (32 to 140 Deg F)

Indicates item not stocked at time of printing - Please enquire for lead time

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