

CS POSITION TRANSMITTER

A 4-20 mA analog current transmitter featuring the latest solid-state design for communicating with any 2-wire indicating device. Small enough to be used in a variety of enclosures, it functions with a low operating voltage.

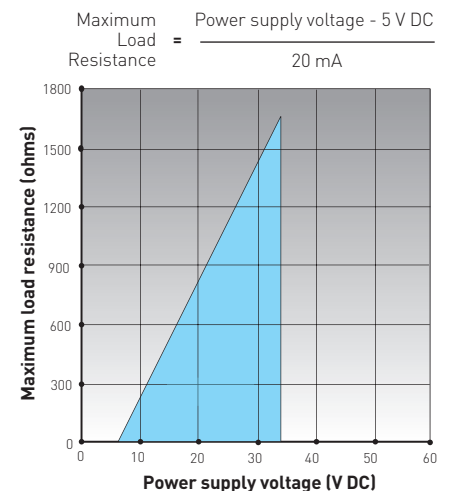


FEATURES

- Precision analog position transmitter.
- Operates with any voltage from 5 to 33 volts DC.
- Non-interacting zero and span potentiometers easily adjust the desired settings.
- Easy set up, non-interactive adjustment.
- Clockwise and counter-clockwise rotation easily accommodated.
- Reverse polarity and transient protected.
- Accommodates long cable runs and multiple receivers.
- Encapsulation of electrical components improves performance in harsh environments.
- Available with proximity sensors or mechanical switches.
- CS transmitter can be used with standard analog input module supplying a 4-20 mA retransmission for continuous monitoring of valve travel.

TECHNICAL DATA

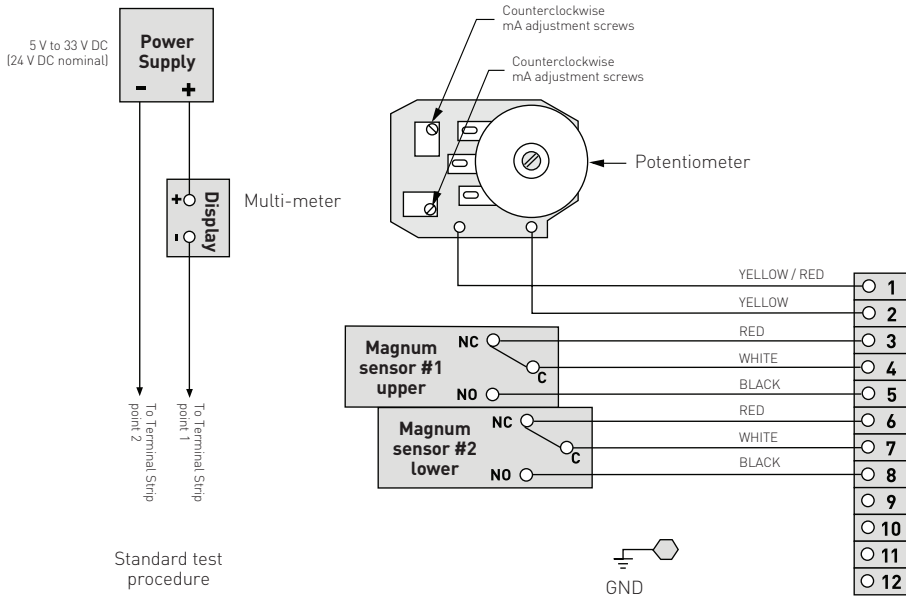
Power supply range	5 V DC to 33 V DC
Operating temperature range	-40°F to +185°F [-40°C to +85°C]
Recommended power supply	24 V DC
Output signal range	4 to 20 mA
Load impedance	0 to 950 ohms at 24 V DC
Ambient temperature	For a 100°C change in ambient temperature the maximum zero shift is plus or minus 0.3%, and the maximum span shift is plus or minus 0.4% of span
Maximum rotation	95°
Minimum rotation	45°
Linearity	Plus or minus 1.0%
Hysteresis	0.55% of full scale
Repeatability	Plus or minus 0.3% of full scale
Power supply	Output signal changes 0.018% when the supply voltage is varied between 5 and 33 V DC



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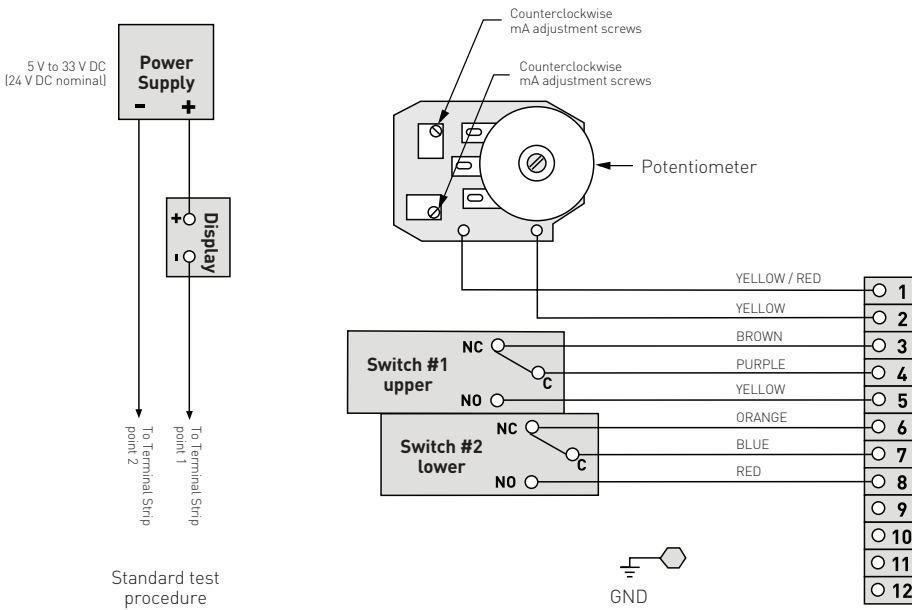
2 - SPDT MAGNUM SENSORS

With CS (4-20 mA) transmitter and 12 point terminal strip



2 - SPDT MECHANICAL SWITCHES

With CS (4-20 mA) transmitter and 12 point terminal strip



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