

ESS420

4-20mA 2 Wire Transmitter

Description:

The **ESS420** transmits a current signal which is proportional to the joystick's handle position. In applications where a signal must be transmitted over a considerable distance and where electrical noise is a problem.

Application:

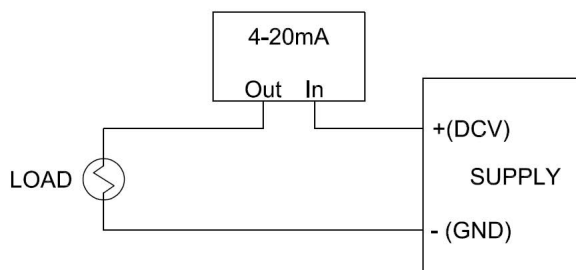
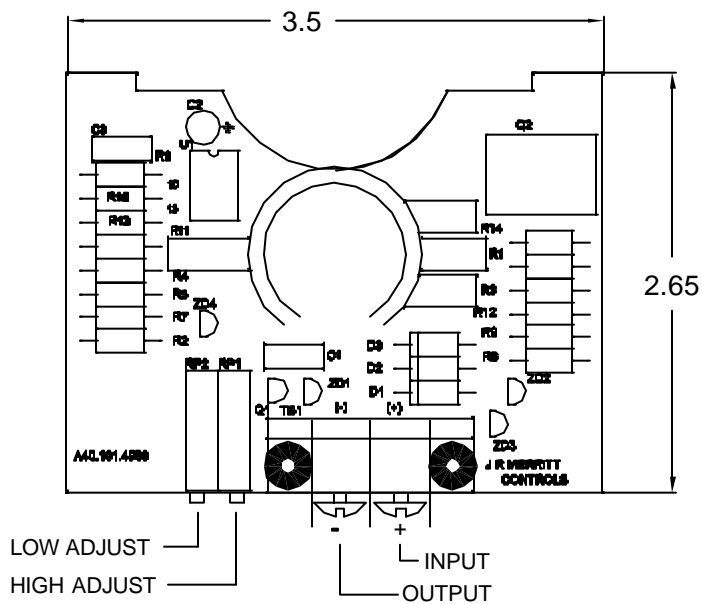
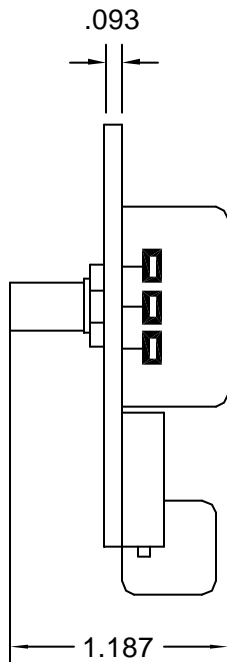
The **ESS420** is utilized in crane applications where reference signals for the variable speed drive must be combined with or run adjacent to control and power transmission cables.

Technical Electrical:

Supply Voltage: 12-48 VDC
 Output Current Max: 22 mA
 Load: 12V < 100 ohms
 24V < 700 ohms
 48V < 1800 ohms
 Effective Oper. Angle: ± 140
 Temperature Range: -25C to +80C
 Adjustment Range: 2-22 mA

Technical Mechanical:

.093 Fiberglass PCB with integrated Command Potentiometer.
 Termination: 2 Pole Terminal Block
 Sealing: Urethane conformal coating standard
 Potentiometer Life: 1-2 Million or 10 million revolutions on request.



J.R. MERRITT
CONTROLS, INC.

Stratford, CT • 1-800-333-5762 • www.jrmerritt.com