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: -25°C to +80°C
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.