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.