



- 6 Dual Output each suitable for 750 ohm load
- 6 Three Port Isolation provided (between power supply, input, and each output)
- 6 Easy calibration, front panel access for span, zero for each output
- 6 Built-in transmitter supply (optional)
- 6 DIN rail mounting
- 6 Compact Size
- 6 90 to 270 V AC or 24 V DC power supply
- 6 Upto four isolated outputs possible

The Series 4482-10-DR Isolators are highly stable, accurate but economical instruments designed to provide signal isolation. These instruments are suitable for DCS, PLC, SCADA applications. The isolation not only provides safety to the PLC / DCS, but also eliminate ground loops, which can result in wrong outputs. The two isolated outputs can be used for individual current loops, e.g. One output is connected to the DCS / controller, other can be connected to local indicator or recorder. Built-in transmitter supply is provided. The isolator is suitable for two-wire as well as four wire transmitters.

Technical Specifications

Input	: 4 to 20 mA DC / 0 to 10 V DC / 1 to 5 V DC (others on request)
Input impedance	: 100 ohm for current; 1 M ohm for voltage
Outputs	: 4 to 20 mA DC / 0 to 10 V DC X 4 nos (each isolated from one another)
Output Load	: 750 ohm (max) for current; 2K ohm (min) for voltage
Isolation	: three port galvanic isolation (> 100 M ohm at 1.5 KV)
Accuracy	: < +/- 0.25% of FSD
Transmitter Supply	: 24 V DC, 30mA (for excitation of sensors)
Supply	: 90 to 270 V AC, 50 Hz / 24 V DC (12 to 36 V DC) pls specify
Mounting	: DIN rail
Dimensions	: 45mm(W) X 75mm(H) X 110mm(D)
Enclosure	: ABS enclosure
Terminals	: suitable for 2.5 sq.mm wires (screwed type)
Operating Temp	: 0 to 50 deg C
Temp. Co-efficient	: 0.015% / deg C
Humidity	: upto 95% rH (non-condensing)

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