

Shunt Isolation Amplifier D6S 75000

Isolation and Conversion of Bipolar and Unipolar mV-Signals

With the Isolation Amplifier for Shunt Voltages D6S 75000 DRAGO is extending its offer on high functional and high reliable components of the interface technique.

The Isolation Amplifier D6S 75000 is used for separation and conversion of bipolar and unipolar mV-signals such as those frequently used for current measuring with shunt-resistors or other applications. Due to the easy selection of the input and output ranges, and the ultra small housing the Isolation Amplifier is suitable for flexible use. High reliability and Protective Separation are further characteristics that make the D6S 75000 unrivaled.

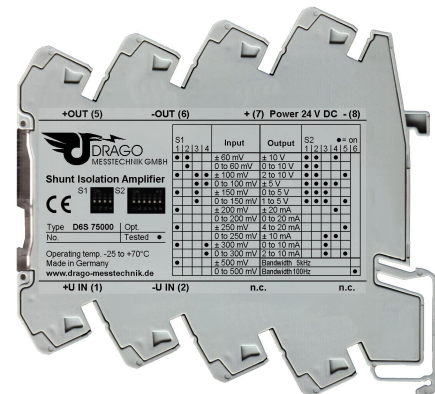
The desired input and output range of D6S 75000 can be easily set by using DIP switch and due to the calibrated range selection no further adjustment is necessary. Also the cut-off frequency can be adapted to the measurement task by using the DIP Switch. A measured range compensation can be performed at the zero/span potentiometers on the front panel.

Pluggable cross-connectors for the auxiliary power supply ensures fast and economical installation. The slim housing with 6.0 mm wide saves significant space on DIN-rail in the switch cabinet.

The optimized efficiency of the D6S 75000 power pack contributes significantly to reducing the units own heat generation. This is reflected in extremely high MTBF, it means highest reliability and long-term stability. A green LED on the front of the unit has been provided to monitor the power supply.

5 Years Warranty
Defects occurring within 5 years from delivery are remedied free of charge at our plant (carriage and insurance paid by sender).

- **Calibrated signal setting**
Input and output range can be set by using DIP switch - without any further adjustment
- **Zero/Span compensation**
Subsequent readjustment at the zero/span potentiometers on the front panel
- **3-Port isolation**
Protection against erroneous measurements due to parasitic voltages or ground loops
- **Extremely slim design**
6.0 mm small housing with practical pull-spring clamps
- **Protective Separation acc. to EN 61140**
Protects service personnel and downstream devices against impermissibly high voltage
- **Maximum reliability**
No maintenance costs
- **5 Years Warranty**



Block diagram

