# LCIS ANALOGUE/FREQUENCY CONVERTERS, ADJUSTABLE

750511.0000
Signal Converter In:standard Out:FQ 24V



- 6,2mm wide
- Input and output selectable
- 3-way isolation, 2,5kV
- 24V AC/DC supply voltage
- Screw or Push-in termination

### PRODUCT DESCRIPTION

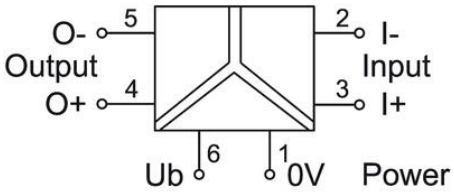
Signal converter for converting common standard signals into corresponding frequency. DIP switch for selecting the input and output signal, output signal range can be selected between 4 different options. Output voltage is 10V. The converter is self-calibrating which ensures easy installation.

The converter features 3-way galvanic isolation, each terminal can be connected by jumper comb. Extremely compact design, width of 6,2mm only. Can be installed in any position.

## SPECIFICATIONS

| | |
|---|---|
| **Approvals** | CE, CSA, DNV, GL, RoHS, UL |
| **Cross Section Max** | 2.5 mm² |
| **Cross section min** | 0.25 mm² |
| **Depth** | 73 mm |
| **Height** | 93 mm |
| **Input impedance current mA** | 100 Ω |
| **Input impedance voltage** | 330 kΩ |
| **Insulation voltage in/out** | 2500 V |
| **IP Class** | IP20 |
| **Linearity** | 0,05 % FSR |
| **Manual switch** | Yes |
| **Supply voltage** | 24 V AC/DC |
| **Switching Frequency max** | 30 Hz @ 3 dB |

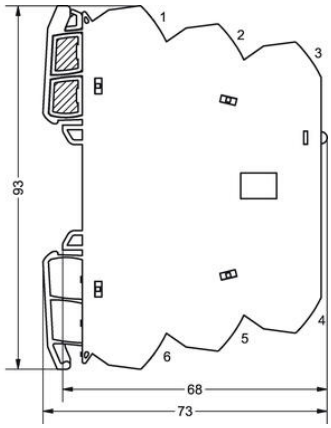
| | |
|---|---|
| **Temperature coefficient** | <150 ppm/° K FSR |
| **Temperature range bearing, from** | -40 °C |
| **Temperature range bearing, to** | 80 °C |
| **Temperature range from** | -25 °C |
| **Temperature range to** | 60 °C |
| **Weight** | 29 g |
| **Width** | 6.2 mm |

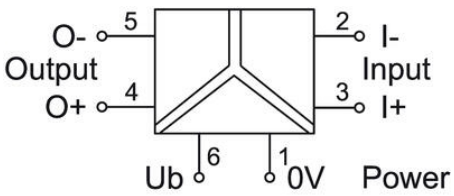



| S1 | Input | | | |
|---|---|---|---|---|
| ●→Switch On | 1 | 2 | 3 | 4 |
| 0–10 V* | ● | | | |
| 0–20 mA | | ● | | |
| 4–20 mA | ● | ● | | |

| S1 | Output | |
|---|---|---|
| ●→Switch On | 5 | 6 |
| 0–50 Hz* | | |
| 0–100 Hz | ● | |
| 0–1000 Hz | | ● |
| 0–10000 Hz | ● | ● |

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