



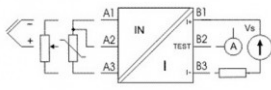
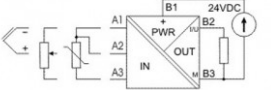
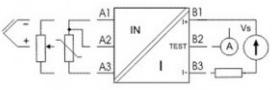
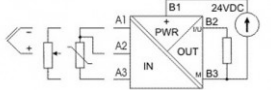






Temperature Transducers PC configurable

| TYPE | LXT-811-S | LXT-81U-S | SXT-811 | SXT-81U |
|--|---|---|--|---|
| Photo |  |  |  |  |
| Schematic |  |  |  |  |
| Input | | | | |
| Resistance | 0...1600 Ω (potentiometer) | | | |
| Voltage | -35...150 mV | | | |
| RTD sensor | Pt100, Cu100, Ni100, Pt1000, user defined | | | |
| Thermocouple | B, J, K, N, R, S, user defined | | | |
| Cold junction comp. (TC only) | automatic / constant | | | |
| Line comp. (RTD only) | automatic / constant | | | |
| OUTPUT | | | | |
| 2-wire current loop | 4...20 mA | | 4...20 mA | |
| Current output | | 0...20 mA / 4...20 mA | | 0...20 mA / 4...20 mA |
| Voltage output | | 0...10 V | | 0...10 V |
| POWER SUPPLY | | | | |
| From current loop | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | |
| Supply voltage range | 10...30 VDC | 24 VDC (20...30 VDC) | 10...30 VDC | 24 VDC (20...30 VDC) |
| Power supply current | | ≤40 mA | | ≤40 mA |
| OTHER | | | | |
| Basic accuracy | ≤0,1% | | | |
| Sensor break signalization (max / min) | LED <input checked="" type="checkbox"/> / <input checked="" type="checkbox"/> | LED <input checked="" type="checkbox"/> / <input checked="" type="checkbox"/> | LCD <input checked="" type="checkbox"/> / <input checked="" type="checkbox"/> | LCD <input checked="" type="checkbox"/> / <input checked="" type="checkbox"/> |
| Display | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Sensor linearization | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Reversed output | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Input signal filtration | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Galvanic isolation | input / output | | | |

| | | | | |
|--|--|--|--|--|
| Galvanic isolation (test) | 1500 VAC | | | |
| Working temperature | 0...70°C | | 0...60°C | |
| Protection (housing / terminals) | IP20 / IP20 | | IP65 / -- | |
| Mounting | DIN rail | | wall | |
| CONFIG | | | | |
| Config | software | | | |
| Config software | LXTconfig | | | |
| Converter cable | USB-LXT or RS232-LXT | | | |
| USB driver | Virtual COM | | | |
| OPTIONS | | | | |
| One / two-channel | <input checked="" type="checkbox"/> / <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> / -- | <input checked="" type="checkbox"/> / -- | <input checked="" type="checkbox"/> / -- |
| Other input / output ranges (on request) | <input checked="" type="checkbox"/> / -- | <input checked="" type="checkbox"/> / <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> / -- | <input checked="" type="checkbox"/> / <input checked="" type="checkbox"/> |
| Documents | | | | |
| Data sheet |  Download |  Download |  Download |  Download |