



KL1302 | 2-channel digital input terminal 24 V DC for type 2 sensors

The KL1302 digital input terminal acquires the binary control signals from the process level and transmits them, in an electrically isolated form, to the higher-level automation unit. The Bus Terminal contains two channels that indicate their signal state by means of light emitting diodes. The input signal corresponds to the standard EN 61131-2, type 2. This way, it is possible to connect 2-wire sensors.

| Technical data | KL1302 KS1302 |
|----------------------------------|--|
| Connection technology | 4-wire |
| Specification | EN 61131-2, type 2 |
| Number of inputs | 2 |
| Nominal voltage | 24 V DC (-15 %/+20 %) |
| "0" signal voltage | -3...+5 V (EN 61131-2, type 2) |
| "1" signal voltage | 11...30 V (EN 61131-2, type 2) |
| Input filter | typ. 3.0 ms |
| Input current | typ. 6 mA (EN 61131-2, type 2) |
| Current consumption K-bus | typ. 3 mA |
| Electrical isolation | 500 V (K-bus/field potential) |
| Bit width in the process image | 2 inputs |
| Configuration | no address or configuration setting |
| Weight | approx. 50 g |
| Operating/storage temperature | 0...+55 °C/-25...+85 °C |
| Relative humidity | 95 %, no condensation |
| Vibration/shock resistance | conforms to EN 60068-2-6/EN 60068-2-27 |
| EMC immunity/emission | conforms to EN 61000-6-2/EN 61000-6-4 |
| Protect. class/installation pos. | IP 20/variable |
| Pluggable wiring | for all KSxxxx Bus Terminals |
| Approvals | CE, UL, Ex |