



KL1032 | 2-channel digital input terminal 48 V DC

The KL1032 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. Further voltage values are available on request.

Technical data	KL1032 KS1032
Connection technology	4-wire
Number of inputs	2
Nominal voltage	48 V DC (-15 %/+20 %)
"0" signal voltage	-6...+34 V
"1" signal voltage	34...60 V
Input filter	typ. 3.0 ms
Input current	typ. 3.5 mA
Current consumpt. 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
Special features	further voltage values on request
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, GL