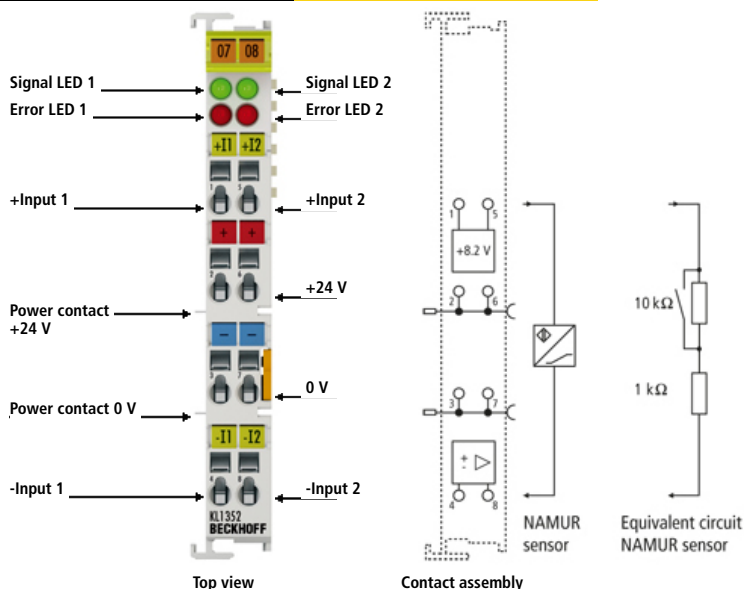




KL1352 | 2-channel digital input terminal 24 V DC for NAMUR sensors

The digital input terminal KL1352 analyses the input signal from NAMUR sensors in accordance with EN 50277 (previously DIN 19234). One bit indicates the sensor's signal state in the process image. Another bit signals short-circuits or open leads. Red or green LEDs indicate the state of the two input bits.

Technical data	KL1352 KS1352
Connection technology	2-wire
Specification	NAMUR
Number of inputs	2
Nominal voltage	24 V (-15 %/+20 %)
"0" signal current	≤ 1.2 mA
"1" signal current	≥ 2.1 mA
Switching hysteresis	0.2 mA
Short circuit current	typ. 8.2 mA
Short circuit detection	> 6.5 mA
Input filter	3.0 ms
Current consumption K-bus	typ. 70 mA
Electrical isolation	500 V (K-bus/field potential)
Bit width in the process image	4 inputs
Configuration	no address or configuration setting
Special features	NAMUR
Weight	approx. 55 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, IECEx