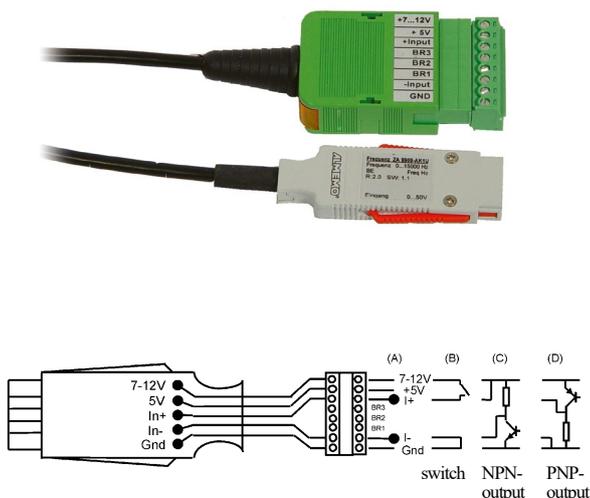


Input connectors and adapter cables

ALMEMO® Adapter Cable for Frequency / Pulse / Rotational Speed

for sensors, Supply: 5 V or direct from ALMEMO® device



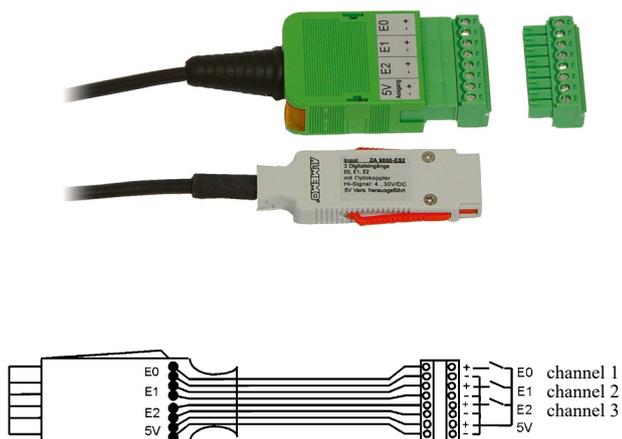
Technical Data

Frequency range:	0 to 15000 Hz (Resolution 1 Hz) 0 to 3200.0 Hz (Resolution 0.1 Hz)
Speed range:	8 to 32000 rpm (Resolution: 1 rpm)
Max. pulse count:	65000
Pulse length:	> 50 ms
Input voltage	6 to 40 V, square-wave via optocoupler
Current consumption:	3 mA
Sensor supply	direct from ALMEMO® device (for voltage see technical data of ALMEMO® device)
Option V12	
Sensor supply:	12,2 to 12,5 V
Output current:	100mA at $U_G = 9$ to 12 V ($U_G =$ device sensor voltage)

Types: (Cable lengths, 1.5 meters)

Model	Meas. Range	Resolution	Order no.
Frequency	0 to 15000 Hz	1 Hz	ZA9909AK1U
Frequency	0 to 3200,0 Hz	0.1 Hz (can, by inserting wire jumper, be switched to)	
Pulses / Cycle	0 to 65000 Imp	1 Imp	ZA9909AK2U
Speed	8 to 32000 UpM	1 UpM	ZA9909AK4U
Option sensor supply 12 V			OA9909V12

ALMEMO® Adapter Cable for Digital Input Signals



Types: (cable length, 1.5m each)

Order no.
3 digital inputs, (optocoupler), for floating contacts, 5V auxiliary voltage led out
4 digital inputs, electrically isolated (optocoupler) for external voltage, 4 to 30 V

Input connectors and adapter cables

ALMEMO® Connector Adapter Cable, Digital Input of Third Party Device to ALMEMO® Device Type ZA 1000A KSW / ZAD 919A Kxx



Existing equipment incorporating a digital interface can, thanks to our flexible ALMEMO® system, continue being used. For this purpose, we can offer you the following service: 1. We program a device type protocol for you, which matches the output interface of your device. 2. We fit the interface cable for your device with the matching ALMEMO® connector.

Description:

- Data acquisition from external devices with digital interface (RS232, Modbus RTU) and integration in the data acquisition with ALMEMO® devices.
- The digital connector of the adapter cable provides an electrically isolated serial interface and includes an interface processor for protocol conversion.
- Value-adding to existing measuring technology at a very interesting price-performance ratio.

Examples:

- Scales and weighing equipment
- Dial gauges and displacement transducers
- Multimeters
- Incremental displacement transducers
- Flue gas analysers

Types:

For the purposes of programming the interface, please provide us with a detailed description of the output interface of the third-party device you want to have integrated, or a matching cable, or a connector including the pin configuration, plus the third-party device itself for the purposes of testing and checking.

Interface programming for the device type protocol of the device to be integrated
ALMEMO® connector adapter cable

Order no.

ZA1000AKSW
ZAD919AK