ALMEMO® trigger cable V6 ZA 1006 ET / ZA 1006 EK2



Technical Data

Trigger input	
ZA1006ET	Trigger variants can be programmed with key
ZA1006EK2	For external zero-potential contact (not electrically isolated) and for external voltage 4 to 30 VDC (optocoupler), trigger variants can be programmed
Current consumption	approx. 3 mA
Cable length	1.5 meters
Connection	(see variants)

Variants

	Order no.
ALMEMO® trigger cable, V6, with 1 key	**ZA1006ET**
ALMEMO® trigger cable, V6, with 2 trigger inputs for external contacts or voltages, with clamp connector	**ZA1006EK2**

ALMEMO® trigger / relay cable V6 ZA 1006 EKG / ETG



Technical Data:

Trigger input	For external zero-potential contact (not electrically isolated) or for external voltage 4 to 30 VDC (optocoupler) Trigger variants - can be programmed (V6 only)
Relay	Normally open contact (semiconductor relay) Can also be programmed as inverted (V6 only) Load capacity: 50 VDC, 0.5 A, 1 ohm
Current consumption	approx. 3 mA
Cable length	1.5 meters
Connection	Clamp connector

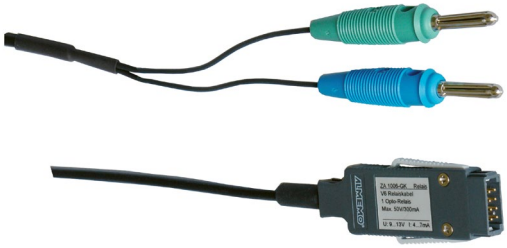
Variants

	Order no.
ALMEMO® trigger / relay cable, V6, with 2 trigger inputs (programmable trigger variant) for external voltages and 2 normally open contacts	**ZA1006EKG**
ALMEMO® trigger / relay cable, V6, with 2 trigger inputs (programmable trigger variant) for external zero-potential contacts and 2 normally open contacts	**ZA1006ETG**

11/2025 • We reserve the right to make technical changes.

Output Modules

ALMEMO® relay cable, V6, ZA 1006 GK and electrical socket relay adapter, ZB 2280 RA





Technical Data

Relay cable, V6, type ZA 1006 GK	
Relay	Normally open (semiconductor relay) Can also be programmed as inverted (V6 only) Load capacity 50 VDC, 0.5 A, 1 ohm
Current consumption	approx. 3 mA
Cable length	1.5 meters
Connection	Banana plug

Technical Data

Relay adapter ZB2280RA	
Control input	for optocoupler output or switching contact R <10 kW
Output	Electrical safety socket, mechanical relay, load capacity 230 V, 6 A
Switching status	OFF idle; ON alarm

Variants	Order no.
ALMEMO® relay cable, V6, with 1 normally open contact	**ZA1006GK**

Variants	Order no.
Relay adapter for switching mains supplied devices combined with relay cable ZA1006GK/ZA1000GK	**ZB2280RA**

ALMEMO® analog output cable ZA 1601 RK



- Measured values can be recorded using a chart recorder or a similar output device.
- A signal converter is integrated in the connector.
- The device signal is converted into voltage corresponding to the linearized measured value.
- To obtain a high response speed a conversion rate of 10 mops can be set in the ALMEMO® device.
- The output signal can be scaled as required.

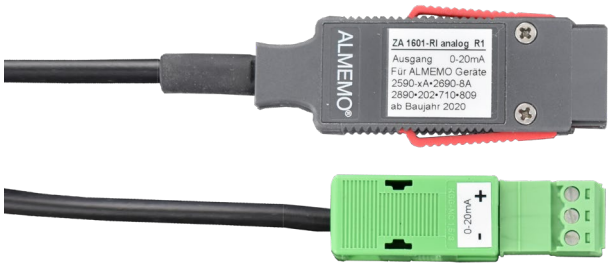
Technical Data:

Output voltage	-1.250 to 2 000 V, not electr. isolated
Gain	0.1 mV / digit
Load	>100 kΩ
Accuracy	±0.1 % ± 6 digits
Temperature drift	1 digit / K
Time constant	100 ms
Current consumption	approx. 3 mA
Cable length	1.5 meters

! **Please note:**
Not compatible with ALMEMO® 104!

Variants	Order no.
Analog output cable -1.250 to 2.000 V (0.1 mV / digit) not electrically isolated	**ZA1601RK**

ALMEMO® analog output cable ZA 1601-RI and ZA 1602-RU



- The analog signal is controlled internally by the measured value of a measuring channel, arbitrarily scalable.
- Respectively, the analog signal is controlled externally via the device interface with the WinControl software.

! Only suitable for the following device types: ALMEMO® 2590-xA, 2690-8A, 2890-9, 202-S, 204, 104, 710, 809 devices manufactured from 2020 onwards (for older devices, a firmware update is necessary).

Technical data

Output signal:	via clamping connector, galvanically isolated
ZA1601RI	1 x 0 to 20 mA, load < 500 Ohm
ZA1602RU	2 x 0 to 10 V, load >100 kOhm (common mass)
Resolution:	
ZA1601RI	1 µA/digit
ZA1602RU	0.5 mV/digit
Accuracy:	0.1 % of measured value +0.1 % of final value
Temperature drift:	10 ppm/K
Power supply:	12 V via ALMEMO® plug the sensor voltage 12 V is set on the ALMEMO® device.
Current consumption:	
ZA1601RI	max. 50 mA (at 12 V)
ZA1602RU	max. 20 mA (at 12 V)
Cable:	0.25 m

Variants

	Order no.
ALMEMO® analog output plug including cable and clamping connector.	
Output signal 1 x 20 mA	**ZA1601RI**
Output signal 2 x 10 V	**ZA1602RU**

04/2026 • We reserve the right to make technical changes.