

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

ALMEMO® trigger cable, V6, with 1 key

ALMEMO® trigger cable, V6, with 2 trigger inputs

for external contacts or voltages, with clamp connector

Order no.

ZA1006ET

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)
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Relay	Normally open contact (semiconductor relay) Can also be programmed as inverted (V6 only) Load capacity: 50 VDC, 0.5 A, 1 ohm
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Current consumption approx. 3 mA

Cable length 1.5 meters

Connection Clamp connector

Variants

ALMEMO® trigger / relay cable, V6, with 2 trigger inputs (programmable trigger variant) for external voltages and 2 normally open contacts

ALMEMO® trigger / relay cable, V6, with 2 trigger inputs (programmable trigger variant) for external zero-potential contacts and 2 normally open contacts

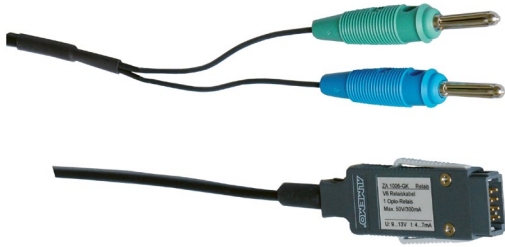
Order no.

ZA1006EKG

ZA1006ETG

ALMEMO® 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 plugr



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

ALMEMO® relay cable, V6,
with 1 normally open contact

Order no.

ZA1006GK

Variants

Relay adapter for switching mains supplied devices
combined with relay cable ZA1006GK/ZA1000GK

Order no.

ZB2280RA

ALMEMO® analog output cable ZA 1601 RK



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

- 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.

Variants

Analog output cable -1.250 to 2.000 V (0.1 mV / digit) not electrically isolated

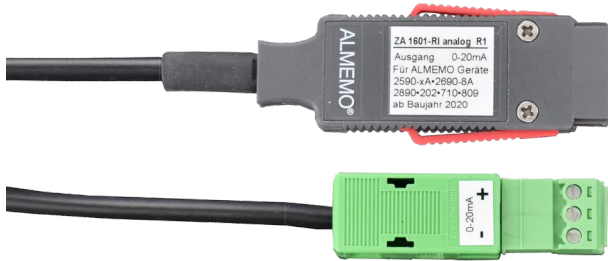
Order no.

ZA1601RK

new

ALMEMO® Output modules

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, 204, 710, 809 devices manufactured from 2020 onwards (for older devices, a firmware update is necessary).

Technical data

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

Variants

ALMEMO® analog output plug including cable and clamping connector.
Output signal 1 x 20 mA
Output signal 2 x 10 V

Order no.

ZA1601RI
ZA1602RU