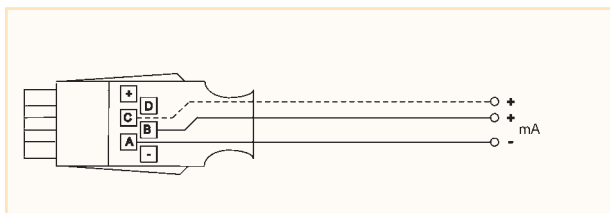


ALMEMO® Connectors for DC Current mA



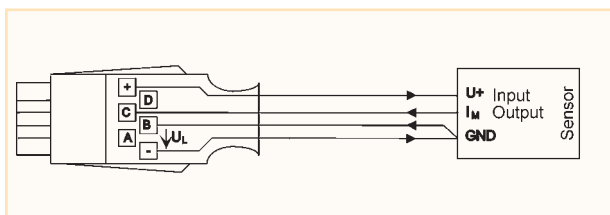
Types:

Model	Meas. Range	Resolution	
32mA DC	-32.0 to +32.0 *	1 μ A	Order No. ZA9601FS1
4/20mA DC	0 to 100%	0.01%	Order No. ZA9601FS2
2 x 32 mA DC	-32.0 to +32.0 *	1 μ A no electrical isolation	Order No. ZA9601FS3
2 x 4/20 mA DC	0 to 100%	0.01 % no electrical isolation	Order No. ZA9601FS4

*Data may vary depending on device; (see data sheet per device).

ALMEMO® Connectors for DC mA Differential

for sensors / transmitters, Supply: 7 to 9 V from the ALMEMO® device



Option for ALMEMO® connector

Supply cable for sensor supply via external mains unit

Order no. OA9000V

see page 03.07

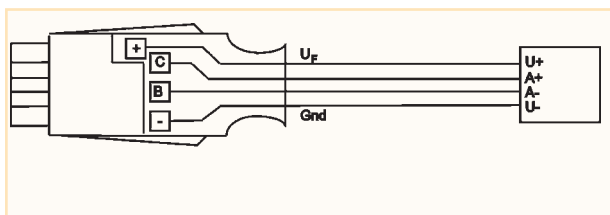
Types:

Model	Meas. Range	Resolution	
32 mA DC	-32.0 to +32.0 *	1 μ A	Order No. ZA9601FS5
4/20 mA DC	0 to 100%	0.01%	Order No. ZA9601FS6

*Data may vary depending on device; (see data sheet per device)

ALMEMO® Connectors for DC mA Differential

for sensors / transmitters, Supply : 12 V from the ALMEMO® device



Technical Data:

Sensor supply U_i :	13.5V $\pm$ 0.5V
Output current:	100mA at $U_G = 12V$
	50mA at $U_G = 9V$
	20mA at $U_G = 7V$
	(U_G = device voltage)

Types:

Model	Meas. Range	Resolution	
32mA DC	-32.0 to +32.0 *	1 μ A	ZA9601FS5V12
4-20mA DC	0 to 100%	0.01 %	ZA9601FS6V12

*Data may vary depending on device; (see data sheet per device).

INPUT CONNECTORS

ALMEMO® Measuring Module for DC, with Electrical Isolation, 4kV

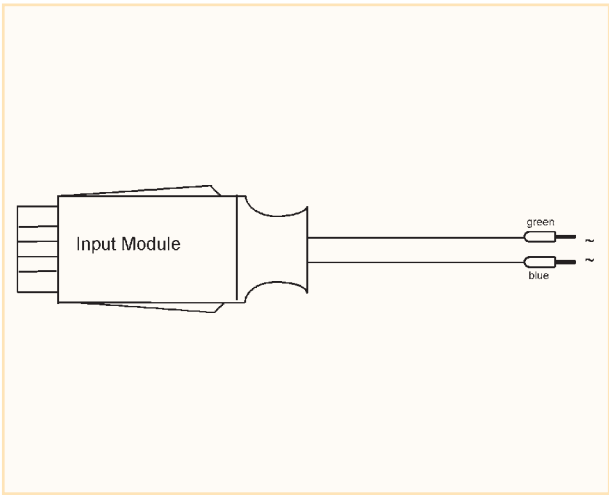


Technical Data:

see page 12.05

Types:				
Measuring range	Resolution	Overload	Internal resistance	
±20.00 mA	0.01mA	0.1 A*	10 Ω	Order No. ZA9901AB1
±200.0 mA	0.1mA	1 A*	1 Ω	Order No. ZA9901AB2
±2.000 A	0.001A	10 A*	0.1 Ω	Order No. ZA9901AB3
±10.00 A	0.01A	20 A*	0.01 Ω	Order No. ZA9901AB4
*Without fuse, overload condition only up to 1 minute maximum				
DC via external shunt:				
±200.0 mV	0.1mV	40 V	50 kΩ	Order No. ZA9900AB1

ALMEMO® Adapter Cables for AC Voltage



Technical Data:

Frequency range:	50 Hz to 10 kHz
Accuracy:	± 0.2% of final val. ± 0.5% of meas. val. (40Hz ... 2kHz sinusoidal),
Crest factor:	3 (add. error 0.7%), 5 (add. error 2.5%)

 NEVER connect voltages higher than 50V!
DANGER!

Types:		
Meas. Range	Resolution	
0 to 260mV _{rms}	0.01mV	Order No. ZA9603AK1
0 to 2.6V _{rms}	0.1mV	Order No. ZA9603AK2
0 to 26.0V _{rms}	1mV	Order No. ZA9603AK3