ALMEMO[®] Measuring Instruments

ALMEMO[®] 2490A



ALMEMO[®] basic measuring instrument Ideal for all sorts of application, quick and easy to operate 1 or 2 measuring inputs, over 65 measuring ranges

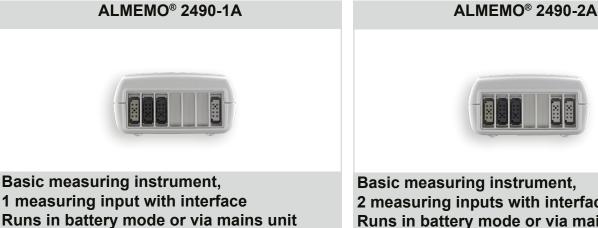
Technical data and functions ALMEMO[®] 2490 series

- Generously dimensioned 2-row static 7 / 16 segment display including units
- Easy and convenient to operate by means of 7 keys
- Over 65 standard measuring ranges
- Memory sufficient for 100 measured values, can be called up and viewed in the display
- Good measuring accuracy, measuring rate up to 10 measuring operations per second (mops)
- Support for ALMEMO[®] plugs with multi-point adjustment, special linearization, and special measuring ranges
- Measuring functions : Measured value, zero-setting, sensor adjustment, saving of maximum / minimum values, memory for 100 values, cold junction compensation, and temperature compensation
- Test functions : Segment monitoring, range monitoring, sensor breakage indication, battery voltage check and display
- 2 ALMEMO[®] output sockets, suitable for all interface cables, network cables, trigger / relay cables *new*: Ethernet data cable ZA1945-DK
- Complete sensor and device programming via interface
- ALMEMO[®] DC socket for mains adapter.

Technical data ALMEMO® 2490 series

Precision class	B (see page 01.06)	Standard equipment		
Measuring rate	2.5 / 10 measuring operations per second	LCD 7 segments	Measured value 5 characters, 15 mm	
Measuring ranges as on page 01.08 / 01.09 - but Milliamperes DC -26 to +26 mA		16 segments	Function 4 ¹ / ₂ characters, 9 mm Units 2 characters, 9 mm 9 symbols	
Measuring input			7 silicone keys	
2490-1A 2490-2A	1 ALMEMO [®] input socket 2 ALMEMO [®] input sockets, el. isol., with semicond. relays (50V)	Power supply: Battery set DC socket	3 AA alkaline batteries <i>new</i> : 12 VDC not electr. isolated ZA1312NA12	
Additional channels	4 function channels, device-internal	Mains adapter		
Sensor power supply <i>new</i> : 9 V, maximum 0.4 A in battery mode new: 12 V, maximum 0.4 A via mains unit		Current consumption	100 to 240 VAC to 12 VDC, 1.5 A approx. 20 mA without input modules	
Outputs	2 ALMEMO [®] sockets, suitable for all interface cables	Housing ABS 127 x 83 x 42 mm (LxWxH) Environmental conditions and general technical data		

ALMEMO® Measuring Instruments





Basic measuring instrument, 2 measuring inputs with interface Runs in battery mode or via mains unit

Accessories			Order no.
DIN rail mounting			ZB2490HS
Rubberized impact protection, green			ZB2490GS1
Magnetic fastening			ZB2490MH
Instrument case			ZB2490TK2
Mains adapter 12 V, 1.5 A, with ALMEMO® plu	ıg		ZA1312NA12
DC adapter cable 10 to 30 VDC, 12 V / 0.25 A, electrically isolated			ZA2690UK
DIN rail mounting	Rubberized protection	Magnetic fastening	

Connecting cables

USB data cable, electrically isolated Ethernet data cable electrically isolated Analog output cable, -1.25 to +2.0 V, 0.1 mV / digit V24 data cable, electrically isolated Network technology, Bluetooth modules (see chapter "Networking")

Standard delivery	Order no.
Batteries, operating instructions, manufacturer's test certificate	
Basic measuring instrument ALMEMO [®] 2490-1A	MA24901A
Basic measuring instrument ALMEMO [®] 2490-2A	MA24902A

DAkkS or works calibration KE90xx, electrical, for measuring instrument (see chapter "Calibration certificates"). DAkkS calibration meets all the requirements regarding test resources laid down in DIN EN ISO/IEC 17025.

Order no.

ZA1919DKU

ZA1945DK

ZA1601RK

ZA1909DK5