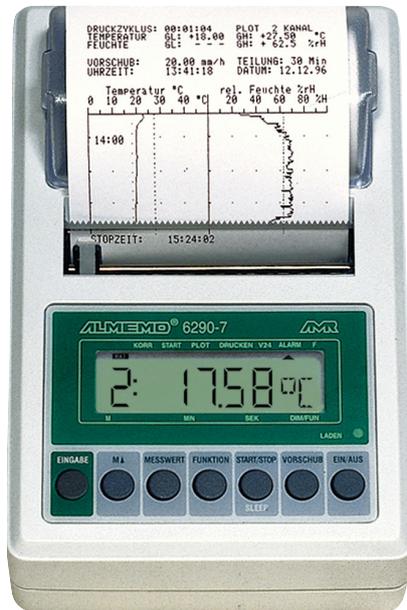


ALMEMO® MEASURING INSTRUMENTS

01

ALMEMO® 6290-7B2

Meas. Instrument with Built-In Printer and Data Logger with Ring Memory



Technical Features:

- ▶ Measuring instrument and / or data logger with built-in printer for mains or rechargeable battery operation.
- ▶ More than 65 standard measuring ranges.
- ▶ 2 ALMEMO® input sockets, electrically isolated, for 2 ALMEMO® sensors.
- ▶ Two output sockets for analog output, digital interface, trigger input, alarm contacts.
- ▶ Easy-to-read 8½ digit, 12mm LCD display.
- ▶ Key switch for protection against unauthorised access.
- ▶ Printout:
2 diagrams side-by-side, optionally 2 lines in a diagram or list printout, time, date, limit values, paper feed in mm or print cycle, start/stop of measurement via keypad, 25-digit printout headline, programmable via software and data cable. Data cable allows for PC online measurements.
- ▶ Data logger functions:
All cyclic acquired data will be stored and can be subsequently provided, completely or in extracts, as output in different formats; plotting with free selectable parameters, printout of lists and alarm values, data transfer to PC. Function 'Daily Printout', triggered by the change of the date, can be selected instead of the cyclic printout.

Accessories:

Temperature sensitive paper 10 rolls	Order no. ZB1040TP10
DC voltage adapter cable 10 to 30VDC, 12V/1.25A electr. isol.	Order no. ZB2590UK
ALMEMO® data cable	
V24 interface, electr. isol.	Order no. ZA1909DK5

Technical Data:

Measuring inputs:	2 ALMEMO® input sockets, electrically isolated, for 2 ALMEMO® sensors
Channels:	per sensor, maximum 4 chann. (sensor-type-specific, meas. and function channels).
Sensor power supply:	
mains adapter:	12V, maximum 100 mA
rechargeable battery:	9V, maximum 100 mA
Equipment:	
Display:	1½ digits, 7-segment: channel 5 digits, 7-segment: meas. val. 2 digits, 16-segment: dimens.
Keypad:	7 keys with key switch
Memory: (only 6290-7B2AS)	512kB (approx. 100000 val.) buffered with lithium battery
Time and date:	real time clock buffered with lithium battery
Built-in printer:	thermal, dot matrix (7x5)
Character size:	2.4 x 1.1mm
Number of columns:	40 characters/line
Print speed:	0.6 lines/s
Paper:	Jujo Paper Co. TP50K5-A width 80mm, diameter 40mm
Outputs:	2 ALMEMO® sockets
Power supply:	
mains adapter:	230V AC on 12V DC 1A, electrically isolated ZB1112NA7
DC-Adaptercable:	10 ... 30V DC on 12V 1.25A electrically isolated ZB2590UK
rechargeable battery: (6290-7B2A /-B2AS)	5 NiMH-batterys 6V 1.6A charging time approx. 3.5h
Current consumption:	OFF: approx. 0.04mA ON without print: appr. 11mA ON with print: approx. 500mA
Operating time	
normal:	140hrs without printing
in sleep mode:	alphanumerical: 10 000 cycles graphical: 30 000 cycles
Power supply control:	automatic, with visual alarm
Housing:	H180 x W115 x D70 mm synthetic material

Extent of the delivery

Incl. mains adapter ZB1112NA7 12V/1A,
2 rolls temperature sensitive paper, operating instructions,
ALMEMO® Manual including software AMR-Control

Meas. instr. with built-in printer ALMEMO® 6290-7B2
(without rechargeable battery, without data memory)

Order no. MA62907B2

Meas. instr. with built-in printer ALMEMO® 6290-7B2A
with rechargeable battery (without data memory)

Order no. MA62907B2A

Meas. instr. with built-in printer ALMEMO® 6290-7B2AS
with rechargeable battery, with data memory

Order no. MA62907B2AS

03/2012 We reserve the right to make technical changes.

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