kmo-MultiSignal AD
Multichannel mA Signal Generator / Loop Simulator

Forcing of up to 8 analog and 16 digital signals … - the ideal tool for PLC programmers, cabinet engineering and commissioning staff!

Realistic testing, demonstrating and simulating of industrial controls, e.g. before acceptance, in the field, in laboratories or at test benches, can be done most illustratively and reliably, if each analog and digital signal can be forced induvidually. Comprehensive tests can be carried out normally only in advance, after commissioning such testing possibilities are very limited.

kmo-MultiSignal AD is designed for industrial use.

Magnets on the bottom of the housing ensure secure holding on each magnetic surface (e.g. the door of the cabinet).

All outputs are short-circuit-proof. The power supply is protected against polarity reversal.

The device is manufactured in SMD quality and housed in a robust hard-plastic case.

The indication of analog signals can be set to mA or percent on a triple digit display.

The analog signals can be set to active or passive (two-wire or four-wire) in groups of two via DIP switches.

Between the displays and LEDs there is free space (25 x 200 mm) for the channel labeling.

For operation you require a 24V DC power supply (4 mm sockets).

Available from stock are connection cables with 25 pin D-Sub plugs on the equipment side and with flying ends or optionally 20 pin front plugs for Siemens S7 modules. On request also connectors for other PLC systems can be provided. For the simulation of voltage signals a pluggable 8 channel I/U converter with 100 Ω resistance (= 0,4 … 2,0 V) can be ordered.

Standard supply:	kmo-MultiSignal AD
	Analog cable, 25 pin D-Sub female, flying ends, 2 m
	Digital cable, 25 pin D-Sub male, flying ends, 2 m
Accessories:	Analog cable, 25 pin D-Sub female, 2 m with 20 pin Siemens S7 front connectors
	Digital cable, 25 pin D-Sub male, 2 m with 20 pin Siemens S7 front connectors
	Pluggable I/U converter (100 Ω = 0,4 … 2,0 V) for analog channels

Technical data

Power supply U$_B$:   18 - 30 V DC
connection via 4 mm sockets
protected against polarity reversal

Analog outputs: 8x 4 … 20 mA
individual adjustment via 60 mm slide potentiometers
switchover in pairs between passive and active via DIP switches
adjustment range: 3,5 mA … 20,5 mA
maximum load: 500 Ohm
additionally 1x 24 V DC (power supply for measuring module)
connector socket: 25 pin D-Sub, male
7 segment display, triple digit via 12 bit A/D converter
Indication in percent or mA

Digital outputs: 16x as make contacts with common ground
toggle switch with dual function: locking or non-locking
individual indication of the status via green LEDs
output voltage: U$_B$ - 0,7 V
output current: maximum 100 mA, short-circuit-proof
additionally 1x 24 V DC (power supply for measuring module)
connector socket: 25 pin D-Sub, female

Dimensions (mm):   230 x 205 x 75

Protection class: IP20

Weight (g):   1200

Operating temperature: 0 ... +50 ℃

Standards: RoHS compliant, CE compliant

FAX Form:
kmo-MultiSignal AD
FAX to: +49 7541 95289-20

Phone: +49 7541 95289-13 (Mr. Roland Klauber)

O   Please send me an offer for _____ pieces!

O   We are interested to distribute this product!

O   We need more information:

_____

_____

_____

_____

Inquirer:

Company: _____

Name: _____

Department: _____

Street: _____

Code / City: _____

Country: _____

Phone: _____

FAX: _____

E-Mail: _____

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