Nokeval

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4-channel transmitter 7470 with serial data RS-485/232 input

- **4 output channels 0..20mA 4..20mA 0..5V and 0..10V**
- **Serial data input RS-232 and RS-485**
- **Simple Nokeval SCL protocol**
- **Configuration with a hand held programmer 6790 or by MekuWin program via serial bus**
- **DIN-rail mounting (35mm)**
- **Power supply 18..28 VDC**

The transmitter 7470 provides an economical means of converting digital data to analog signals, mA / V, and transmitting them to four field instruments. Configuration is simple by MekuWin program or the general purpose hand held programmer 6790. The transmitter uses the simple Nokeval SCL protocol. One serial data bus accepts 31 7470 transmitters or other serial instruments, that is 124 output channels. Typical applications are PC-based programs or PLC.

Technical specification:

Current output:

Outputs	0..20mA, 4..20mA
Max. load	600 Ω
Common negative wire	

Voltage output:

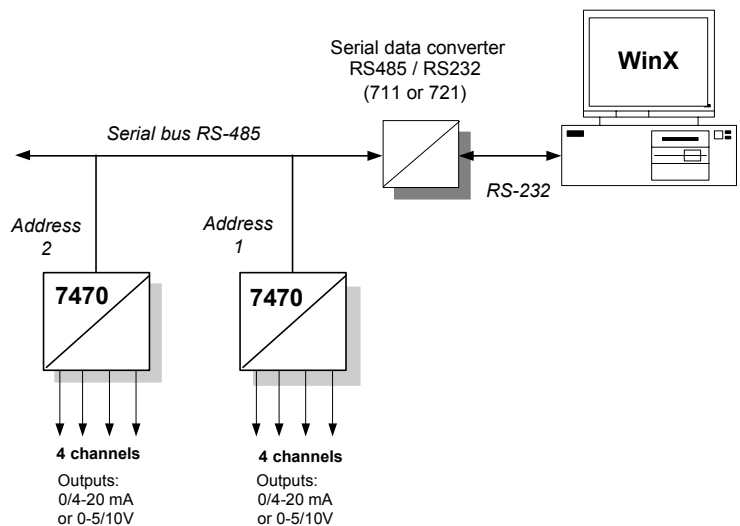|	
Outputs	0..5V, 0..10V
Max. load	1mA
Common negative wire	

Accuracy	0.1% of span
Linearity	0.06% of span
Temperature effect	0.005% of span / °C

Response time of output
4.7ms   + response time 67% of end value
12.5ms +response time 93% of end value
150ms +response time 100% of end value

RS-485/RS-232 input
Both selectable in terminals
Galvanically isolated from outputs
Nokeval SCL protocol

General:

DAC conversion	12-bit (resolution 4096)
Power supply	18..28VDC
Power consumption	30mA…110mA
Power demand	max 2.6 W
IP protection	20
Mounting	DIN-rail (35mm)
Weight	140g