



## ■ Features

- **Switch Manual/Automatic**
- **Manual output signal setup in 0-10V range**
- **Line display with 10 LE diodes**
- **Control function of Manual/Automatic switch state**
- **Power supply 24V AC/DC**
- **DIN 35mm rail mounting**

## ■ Description

Analog interface module IM-AV is intended for manual setup and display of output voltage signal value in 0-10V range. By external potentiometer it is possible to set signal value of regulated variable which can be: valve position, temperature, flow, level, etc. LED display with ten segments shows output signal value in 0-100% range with 10% increment. Module IM-AV can operate in two modes which are selectable with two-state switch (manual, auto). Switch state can be monitored with control contacts B1 and B2.

### Switch state "MANU"

Output signal on X connector can be adjusted in 0-10V range with external potentiometer.

### Switch state "AUTO"

Output signal on X connector is same as input signal on XR connector.

## ■ Technical specifications

<b>Power supply</b>	24V±20% AC/DC
<b>Power consumption</b>	30mA max.
<b>Input/output voltage</b>	0...10V DC
<b>Output current(MANU)</b>	0...2mA
<b>Control contacts</b>	28V/2A AC/DC

<b>Connectors</b>	2.5mm <sup>2</sup>
<b>Protection</b>	IP50
<b>Mounting</b>	DIN 35mm rail
<b>Dimensions</b>	35x70x70mm
<b>Working temperature</b>	-10°C...+50°C

## ■ Schematic diagram and connections

