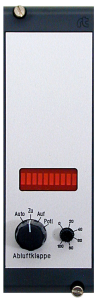


The analog output module series RAGxxxx with bar indicator serve as control modules with manual override function for the control of 1 to 2 analog drives.

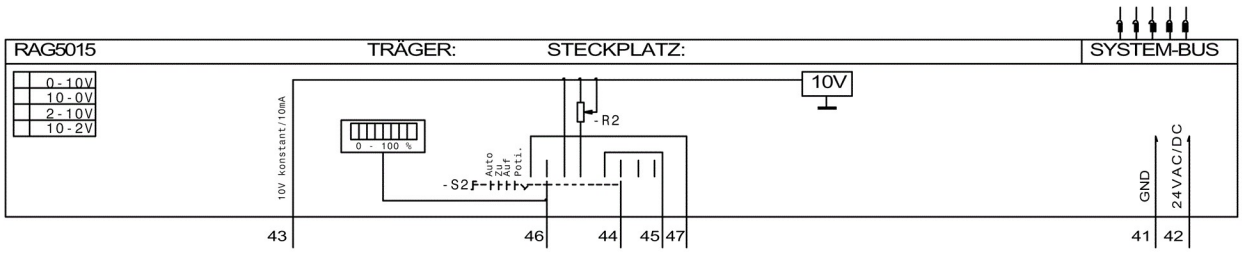
There is a rotary switch for each drive with "Auto"-"Close"-"Open"-"Pot". There is an extra layer for the "Auto"-Position, in order to indicate manual override to the DDC.

In order to get this indication in the positions "Off", "Open" and "Pot" you have to add "-H0" at the end of the type code (e.g. RAG5025-H0). At the position "Close" you will get 0V and at the position "Open" you will get 10V at the output. In the position "Pot" you can manually adjust the output voltage by the means of the potentiometer.

The voltage of each output is shown by means of a bargraph containing 10 LED segments. You can choose between 0-10V, 10-0V, 2-10V or 10-2V for every single channel by the means of jumper.

There is an extra clamp (#43) where a constant voltage of 10V is provided. The maximum load of each output is 10mA.

RAG5015 - 1 analog output
RAG5025 - 2 analog outputs



Power supply: 24V AC/DC, ±10%
Consumption max. 80 mA

Inputs:
0-10 V from DDC
Input resistor 100 kOhm

Outputs:
0-10 V to field modul
Load max. 10 mA
Output resistor 100 Ohm
1x 10 V constant max. 10 mA

Switches:
Switching capacity: 20 VA / 20 W
Switching voltage max. 50V AC / DC
Switching current: 200 mA
Quiescent current: max. 1A
Lifespan min. 50,000 switching cycles

Environmental conditions:
Operating temperature 0 ... 50 ° C
Transport and storage temperature -20 ... + 70 ° C
Relative humidity 5 ... 95%, non-condensing
Protection Class: IP 40, with cover with window to IP 54

Dimensions:
19 "units of width 8 TE (40.5 mm), height 3 HE (129 mm)

Installation depth <80 mm
Terminals: 2.5mm2 pluggable screw terminal

CE Conformity:
EN 61000-4-2 / IEC 801-2 Electrostatic Discharge ESD
Contact discharge 8 kV / air discharge 8 kV
EN 61000-4-5 / IEC 801-5 Surge Testing
Supply voltageAC 4 kV, 0.5 kV DC
Signal lines 2 kV
EN 61000-4-4 / IEC 801-4 Burst Test
Inputs - Outputs +/- 2 kV
Supply voltage AC / DC +/- 2 kV

revision date:
1. 3. 2017