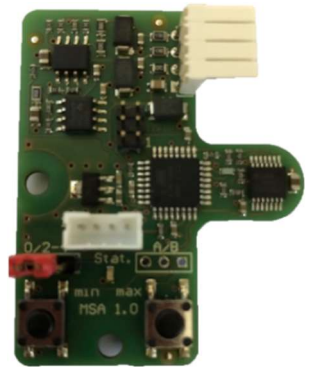


Position indicator MSA



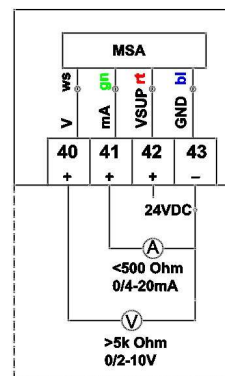
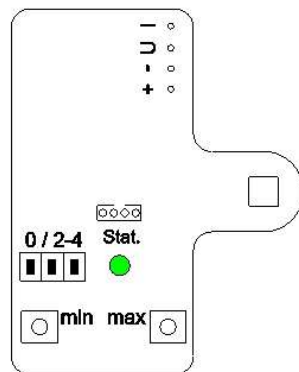
General:

The position indicator MSA with analogue output converts the range of the actuator into an analogue signal. This can be represented as voltage exit 0-10V or as current exit 4-20mA.

Max. Ranges:

Up to 320° for AN40 and AN100 in standard execution (optional up to 250 turns)
 Up to 95° for AN300 in standard execution (optional up to 72 turns)
 Up to 1000mm for linear actuator HAK

Electrical data	Voltage output	Current input
Output signal	0/2 - 10V	0/4 - 20mA
Initial load	> 5k Ohms	< 500 Ohms
Supply voltage	24V DC	
Supply current (without load)	50mA (mit STA 70mA)	
Sensor technology	Hall effect	
Electric swivelling angle	360°	
Linearity tolerance	± 0,3%	
Dissolution (Steps)	4096 (12 Bit) / 360°	
Ambient temperature	-40°C to +80°C	



Adjustment

Adjust the limit switches according to user manual
 Choose jumper setting "0" or "2/4".
 Connect the supply voltage 24VDC to terminals 42 and 43.

Programming:

Drive to Min-position (0/4mA or 0/2V) and press "min" button. LED flashes.
 Drive to Max position (10V or 20mA) and press "max" button. LED lights up permanently
 Current output: 0/4-20mA is attached to terminals 41/43
 Voltage output: 0/2-10V is attached to terminals 40/43