

Tolerance module AYE 4047

Tolerance module for Micrometer with Store Series AYE 4000

3+2 classes

Contents:

1. Displaying and adjusting the tolerance-limits
2. Outputs
3. Layout of the output-connector

1. Displaying and adjusting the tolerance-limits

AYE 4047 may be used for example by controlling 3 classes MIN-value and 2 classes MAX-value when working together with the programmed micrometer with store. AYE 4047 displays the two Good-classes with each a GREEN LED:

The switching levels can be read on the scale of the micrometer after toggling the switch. The settings can be done by the potentiometers.

upper limit -- switch upwards -- upper potentiometer

lower limit -- switch downwards -- lower potentiometer

The tolerance limits must be adjusted ascending i.e. the lowest tolerance limit must have the lowest value and the highest tolerance limit must have the highest value.

The tolerance limits will change by changing the measuring range, i.e. The tolerances are adjusted to a segment on the display.

2. Outputs

The Outputs are at the back side of AYE 4047, realized as potentialfree relay contacts.

3. Layout of the output-connector

Connection with an external femal 6p. connector DIN 45 325.

AYE 4047

Pin 1	Common
Pin 2	lower limit 1
Pin 3	Good 1
Pin 4	upper limit 1
Pin 5	Good 2
Pin 6	upper limit 2

Maximum ratings for the relay-outputs: 0,1 A/ 60 V DC; 0,1 A/ 42 V AC

Attention: The contacts are not protected against inductive load!