

Limit Value Module and Comparator

Typ GW-3

- 19"-Plug-In Technique
- 2 Limit Values + "Passed-Display", Optimized for Tolerance-Window-Function
- Easy Calibration by Potentiometers
- Universally Applicable



If the GW-plug-in unit is being used in connection with a VVE-DR or a VVE-DMS plug-in unit, the output signal can be adapted for an indicator through the VVE-plug-in's; here-with the measuring values and the limit values are being displayed dimension-equitable.

DESCRIPTION:

The Limit Value Module GW 3 is an universally applicable plug-in device in 4 TE format.

It requires an external supply of ± 15 V DC, stabilized (e.g. from VVE-DR, VVE-DMS).

A tolerance window is being determined by GW1 (min.) and GW2. If the measured value is larger than Min. and smaller than Max. the "Passed-LED" will be illuminated. This function can also be shifted to a negative measuring range, internally.

The limit value adjustment takes place by key GW1 / GW2. Here the respective output voltage (GW1 or GW2) is deal located and adjusted by potentiometers on the front plate. The assigned LED's show the respective switching state.

By internal switches, the switching direction and switching range (pos. or neg.) can be adjusted individually.

TECHNICAL DATA:

Type		GW-3
Art. No.		42755
Supply	Supply Voltage	+15 V Stabilized 50 mA -15 V Stabilized 40 mA
Signal Output	Output Signal Ripple	± 10 V ≤ 5 mA <20 mV
Signal Input	Input Voltage Input Resistance	0... ± 10 V 10 k Ω

Relays

Relay Output	3 Converters
Switching Current	1 A
Switching Voltage	60 V
Switching Capacity	30 W / 60 VA

Miscellaneous

Nominal Temperature Range	+10...+40 °C
Service Temperature Range	0...+60 °C
Storage Temperature Range	-10...+70 °C
Dimensions	3 HE 4 TE 160 mm deep

Option	Art. No.	Function
EVK	42245	Mounting, Wiring and Calibration