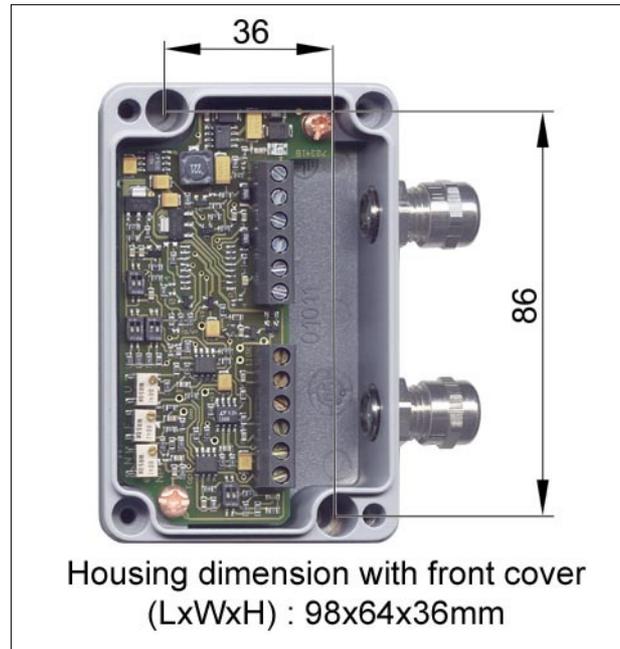


Limit Value Module

Type SI-GW

- Limit Value Extension to Sensor Interface
- Relays- or Opto Coupler Outputs
- Limit Value internally adjustable by Potentiometer
- Limit Value externally adjustable by PLC
- Applicable in Heavy Industry by robust Aluminium Casting Housing
- Level of Protection IP 67



DESCRIPTION:

The limit value extension for the sensor interface SI-GW (depending on design) has 1 or 2 independently adjustable limit values with relay outputs or optional opto couplers. It is positioned next to the sensor interface.

The signals are looped through. Internally, the voltage output and the supply for the SI-GW are being picked up parallel.

The switching direction for positive or negative values is being determined by jumpers.

Selection between limit value adjustment by potentiometers or external 0...10 V (e.g. PLC) possible by jumpers.

TECHNICAL DATA:

Type		SI-GW/1R	SI-GW/2R	SI-GW/1O	SI-GW/2O
Art. No.		103780	103781	103782	103783
Supply	Supply Voltage	16...32 V DC (is picked up from signal for SI..)			
	Ripple	<10%			
	Input Signal	0...10 V (is picked up from signal for SI)			
Switching Outputs	PLC-Input	0...10 V			
	GW-Output	0...10 V >100 kΩ			
	Relay Outputs	48 V 0.5 A		-	
Numbers of Relay Outputs	1	1	2	-	
	Opto Couplers Outputs	-		50 V 50 mA	
	Number of Opto Coupler Outputs	-		1	2
Miscellaneous					
Nominal Temperature Range		+10...+40 °C			
Service Temperature Range		0...+60 °C			
Storage Temperature Range		-10...+70 °C			
Dimensions (L x W x H)		98 x 64 x 36 mm			
Level of Protection		IP 67			

Option	Art. No.	Function
EED6	103784	Sensor connection pluggable ED6, incl. mating connector KS6

The limit value by potentiometers can be adjusted between 0 and 10 V (this correlates 0...100%). This value is being compared to the voltage signal from the interface and it switches at exceeding resp. falling below.