

Indicator Mod. WIN9

Gicam weight indicators are weight indicator devices connected to load cells. We have multifunction displayers for weighing and dosing, for bridge weighing, with load limiter. Portable displayers are available in comfortable briefcases. We have panel mounting, portable, DIN and OMEGA bar mounts, analog indicators and touch screens indicators. IP65 products are available with dust protection. Gicam indicators support industrial communication protocols like PROFIBUS, PROFINET, MODBUS and more.

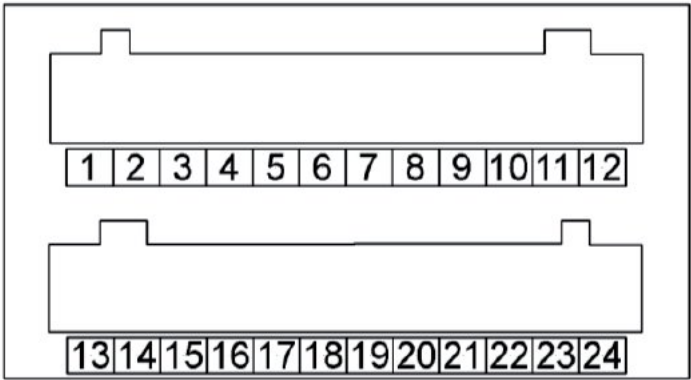
Indicator



Technical Specifications

Power supply	24 Vcc ± 15%	
Max power consumption	5 W	
Isolation	Class II	
Installation Category	Cat. II	
Operating temperature	-10 / +40 °C (85% humidity without condensation)	
Storage temperature	-20 / +50 °C	
Display	Numeric 6 digit, 7 segments red LED's display (h 14 mm)	
Led	5 indicator leds (3 mm)	
Keyboard	4 mechanical keys	
Overall dimensions	96 mm x 48 mm x120 mm (l x h x p)	
Mounting	Panel mount (cutout 91 mm x 44 mm)	
Case material	Selfextinguish Noryl (UL 94 V1)	
Protection level	IP 54	
Connections	Terminal blocks, pitch 5.08 mm	
Power supply load cells	5 Vcc / 90mA (max six 350 ohm parallel load cells) short circuit proof	
Input sensitivity	0.02 µV min	
Linearity	< 0.01% full scale	
Temperature deviation	< 0.001% full scale / C°	
Internal resolution	24 bit	
Weight resolution	Up to 60,000 divisions on the load capacity	
Measuring range	-3.9 mV/V - +3.9 mV/V	
Weight acquisition frequency	6 Hz - 50 Hz	
Digital filter	from 0.1 Hz to 25 Hz selectable	
Number of weight decimals	from 0 to 3 decimal digit	
Zero / FS Calibration	Automatic (data sheet calibration) or via keyboard	
Analog output in tension	Optional: ± 10 V / ± 5 V	
	Resolution	16 bits
	Calibration	By push-buttons
	Impedance	10Kohm Min
	Linearity	0.03% full scale
Analog output under current	Temperature deviation	0.001% full scale / °C
	Optional: 0 - 20 mA / 4 - 20 mA	
	Resolution	16 bits
	Calibration	By push-buttons
	Impedance	300 ohm max
Logical output	Linearity	0.03% full scale
	Temperature deviation	0.001% full scale / °C
	2 opto-isolated max 24Vdc / 60 mA each	
	Logical input	2 opto-isolated 24Vcc PNP (requires external power supply)
	Serial port	Rs232c / Rs422 / Rs485 half duplex
Program code memory	Max. cable length	15m (Rs232c) and 1000m (Rs422 and Rs485)
	Serial protocols	ASCII, Modbus
	Baud rate	2400 / 9600 / 19200 / 38400 / 115000
	64 Kbytes FLASH on board reprogrammable by RS232	
	Data memory	2 Kbytes
Conforms to standards	EN50081-1, EN50082-2, EN61010-1	

Connections



Terminal block 12P (pitch 5.08)	
Length: ND	
1	+ 24 Vcc Power supply
2	- 24 Vcc Power supply
3	Analog current output 0-20mA/4-20mA Max 300 ohm
4	Analog vltage output 0-5V/ 0-10V min 10Kohm
5	Negative analog output Voltage/Current
6	RS232 Tx
7	RS232 Rx
8	GND
9	RS485 TX+
10	RS485 TX-
11	RS485 RX+
12	RS485 RX-

Terminal block 12P (pitch 5.08)	
Length: ND	
13	Output 1
14	Output 2
15	Common output
16	+ Input 1
17	+ Input 2
18	Common input
19	- Exc. Load cell
20	+ Exc. Load cell
21	+ Load cell Sense
22	- Load cell Sense
23	- Signal load cell
24	+ signal load cell