

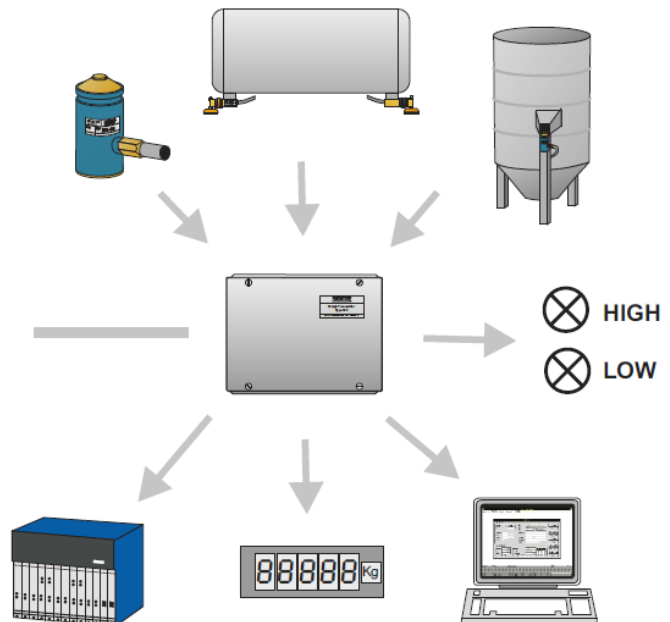
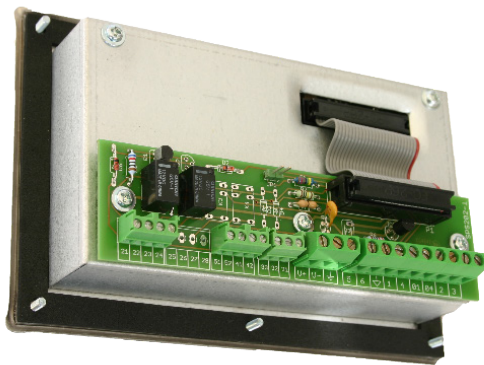
System W3 - Model W3

Load cell digital transmitter with RS485 - modbus

The S-E-G system W3 transmitter is used for analog load cell to digital conversion, level control and weight/signal monitoring via RS485 serial communication, or 4-20 mA analog output current signal.

The load is sensed by Strain gauge loadcells selected for the desired load range.

The transmitter is also available in stainless field enclosure for use in harsh industrial environments requiring heavy duty equipment with high reliability and IP65 protection.



- Analog to Digital Load Cell Converter
- Silos, Vessels, and Container weighing
- Heavy duty industrial design
- Optional Stainless Steel enclosure sealed to IP65
- Isolated Analogue output 0/4-20mA
- 2 Adjustable level contacts with output relays

- Digital output RS485 with Modbus RTU, ASCII
- Direct connection to PLC display unit, industrial instrumentation or PC
- CE Approval including EMC tests according to:
 - 89/336/EEC
 - EN 61000-4-3 (206)
 - EN 55022 (1998) +A1 +A2

Technical specifications

Specifications	Value	Units
Power Supply	24	VDC (13-30)
Power consumption	5	Watt Typical
Loadcell excitation	12	VDC
Loadcell resistance	85-1.000	Ohms (resulting res. of conn. loadcells)
Input range (sensitivity)	0,1-3,0 (F.S.)	mV/V
Analogue output, 12 bit	4-20	mA (Max. 350 Ohms)
Digital output	0-30.000 (default)	Counts (adjustable via software)
Zero stability vs temperature	0,015	% of F.S. /5 °C max.
Span stability vs temperature	0,005	% of F.S. /5 °C max.
Serial Port	RS485	Modbus RTU, ASCII
Relay outputs	1,0/24	A/VDC
Level adjustments	0-100	% of F.S.
Operating Temperature range	-10 to +50	°C
Storage temperature	-20 to +70	°C
Environmental protection	IP55/65	
Weight	0,35	Kg

Order info

W3-N-10-E

- Weight transmitter
- Standard Class
- With enclosure for DIN rail or backplane mounting.

W3-N-10-V

- Weight transmitter
- Standard Class
- With stainless steel field enclosure IP6 for wall mounting

PW-24

- Optional power supply 90-250VAC/24VDC 25W
- Fits inside field enclosure -type V