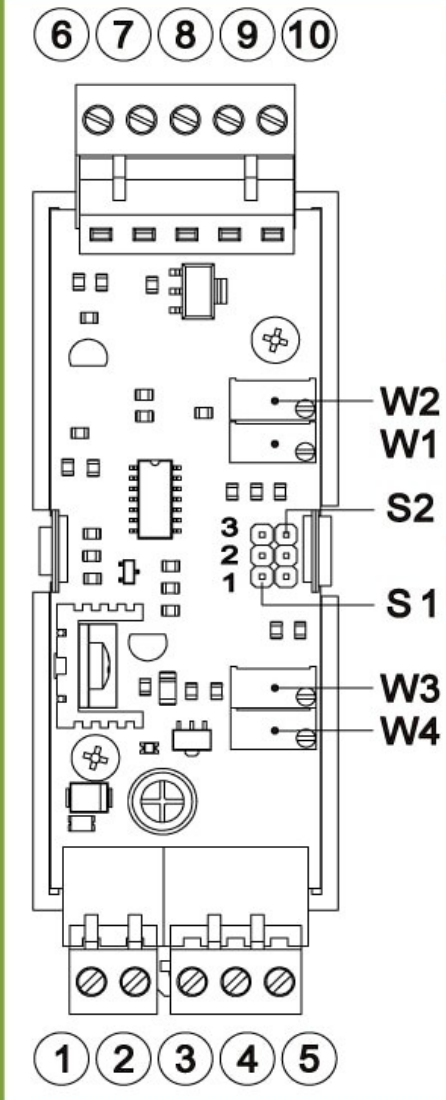


1 Load Cell Amplifier 2.0mV/V DIN Rail-mounted



Potentiometer	Function
W1	voltage zero point adjust
W2	voltage full scale adjust
W3	current zero point adjust
W4	current full scale adjust

Jumper	Function
S1	voltage output options 5V/10V
S2	zero adjust range selection(big or tiny)

Terminal	
1	Power Supply 24VDC+
2	Power Supply 24VDC-
3	Current Output +
4	Voltage Output +
5	Output Common
6	Excitation +
7	Signal +
8	Signal -
9	Excitation -
10	Shield

*Just for reference.
Please see connection in the manual with cargo.*

Verstärker	Kabel	Zelle	Ausgang
Versorgung +5V	6 rot	rot	
Signal +0-500mV	7 innen	gelb	0-5V
Signal -	8 Schirm	weiß	
Versorgung -	9 schwarz	schwarz	

BRT RW-GT01A DIN Rail-mounted 2.0mV/V load cell amplifier is an adjustable high sensitivity full bridge load cell signal conditioning and amplification module. It's input range is 2.0mV/V, output signal 4-20mA and 0-5V (0-10V switchable), output Span and Zero are adjustable through potentiometer embedded inside. Its load cell excitation voltage is 5VDC±5%, excitation current is 60mA. Small size DIN rail-mounted, pluggable wiring terminal blocks, it is very easy to install in cabinet in industrial site.

- 2.0mV/V±10% sensitivity, better than 0.1% F.S. accuracy.
- Internal precision amplifying and conversion circuits.
- Small size standard din rail mounted shell, pluggable wiring terminal blocks.
- 4-20mA current and 0-5V, 0-10V voltage output in one amplifier, output signal is selectable through switch button.
- Can be used with all kinds of strain gauge bridge-type load cells like weighing, tension, compression, torque, etc.

Load Cell Sensitivity Range:	2.0mV/V±10%
Signal Output:	default 4-20mA and 0-5V or 0-10V (switchable)
Voltage Output Resistance:	5kΩ
Current Output Resistance:	500Ω
Operating Power Supply:	24Vdc(18-27Vdc range)
Max Power:	4W (Parallel connection of max. 4 x 350Ω load cell at most)
Accuracy:	better than 0.1%F.S.
Voltage Zero Point Adjustment Range:	fine tune 10%F.S., coarse tune 40% F.S.
oltage Full Scale Adjustment Range:	10%F.S.
Current Zero Point Adjustment Range:	10%F.S.
Current Full Scale Adjustment Range:	10%F.S.
Temperature Drift:	better than 100ppm
Excitation Voltage:	5Vdc±5%(normal excitation voltage 5-12V load cell)
Excitation Current:	60mA
Wiring Mode:	screw-type wiring terminal block
Operation Temperature Range:	-10°C to 50°C
Storage Temperature Range:	-20°C to 80°C
Humidity:	85%RH, non condensation
Net Weight:	100g
Dimension:	115x37x58mm(LxWxL)

