

# Digital display RIA250GS for panel mounting



Technical Data	
Input signal	4 ... 20 mA DC
Input resistance	5 Ohm
Output:	
2 pcs. Potential free Relay contacts	LED-signalling
Switching voltage	max. 250 V AC/ 30 V DC
Switching current	max. 5 A
Analog output (optional)	4 ... 20 mA DC, 13 bit galvanic isolation
Supply voltage	18 to 36 V DC
Power consumption	4 VA, fuse 1 A slow blow
Ambient temperature range	- 10 °C to 50 °C
Display	4-1/2-digit LED-display

## Short Description

The digital displays RIA250GS are industrial equipments, which combine rough factory operation with up to date microprocessor technology. Together with precision load cell type 180 there exists an universal measuring and monitoring system with a good value. Moreover can the digital displays also be used for monitoring any 4..20 mA signal and for the supply of the corresponding sensors.

A shunt transfers the incoming current signal into a voltage signal, which is amplified and then monitored by two comparators. They control the two set points with LED and relays.

The LED display shows the value of the tared and calibrated signal in digital and bargraph form..

## Applications:

Content measuring for tanks and silos, filling level control, overflow protection, dry running protection for stirrers, full and overload measuring e.g. for elevators..



**Dr.-Ing. Gschwind  
Elektronik GmbH**

Fruntsbergstr. 31 · D - 80634 München  
Tel. (089) 16393-0 · Fax (089) 168 97 52

## Digital display RIA250GS

data sheet PDF

DATUM	03/05	BLATT 1 VON 1 BLATT
GEZEICHNET	bs	Z. NR. 65.100.00.E
GEPRÜFT		