

REG311* DIGITAL METER AND COUNTER

New generation LED indicators family in the following versions:

REG311A with universal analog input configurable meter for: temperature RTD 2, 3 or 4-wires, termocouple, voltage, current, potentiometer.

REG311D with universal configurable opto-isolated digital input for: reed, NPN (2-wire or 24 V), PNP (24 V), NAMUR, photoelectric, Hall, 24 V source, TTL, variable reluctance.

REG311 series allow tasks: totalizer upcounting, downcounting, presettable and/or resettable. Scalable analog retransmission output. On option frequency pulses output open collector transistor. All parameters permanent saved on memory. Serial communication option card with RS485, with two relays threshold alarms.



TECHNICAL SPECIFICATIONS

Dimensions:	96x48 depth 98 mm
Display:	LED 4, 6, 8, 4+7 digits
Alarms:	2x alarms LEDs configurable
Analog output retransmitted:	mA or V dc
Supply:	80-265 Vac; 10-40 Vdc / 19-28 Vac - 3W
Sensors supply:	17V 25mA
Isolation:	1500 Vac
Optional card:	1x serial output RS485 MODBUS RTU Slave + 2x relay outputs SPDT 5A 220 Vac (resistive), 2A (inductive) + 1x digital input reset function
Data memory:	EEPROM 10 years
Input:	

REG311A	REG311D
Voltage 0..10 V	Mechanical contact
Active / passive current 0..20 mA	Reed
Potentiometer 1..100 k•	NPN 2-3 wires
TC J,K,R,S,T,B,E,N,	3-wire PNP with 24 Vdc power supply
Pt100 2,3,4 wire (IEC 751 – ITS90)	Namur
	Photoelectric
Resolution 14 bit	Variable reluctance
Sample 20 ms	24V Pulse
Reset from digital input, and front buttons	TTL
	Frequency:
	0.00015 Hz - 10 kHz
	Frequency resolution < 0.05%
	Response time 5 ms

EC standards: EN 61000-6-4, EN 64000-6-2, EN 61010-1, EN 60742



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