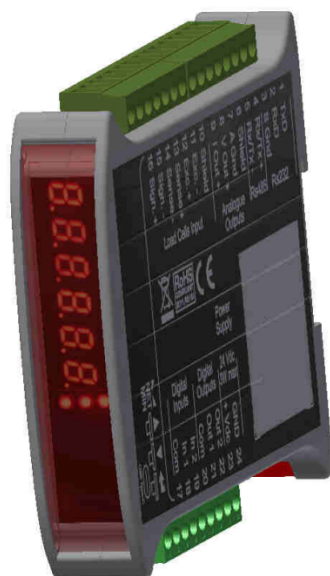


ATM 04N ANA

Digital amplifier with analogic output

1. Product



2. Technical data

Power supply	24 Vdc $\pm 10\%$ protected against reverse polarity.
Max consumption	2 W
Insulation	Class II
Installation category	Cat. II
Operating temperature	$-10^{\circ}\text{C} \div +50^{\circ}\text{C}$ (85% humidity without condensation)
Storage temperature	$-20^{\circ}\text{C} / +60^{\circ}\text{C}$
Display	Numerical 6 digit red leds, 7 segments (h 7 mm)
Led	3 led (3 mm diameter)
Keyboard	3 push-buttons (behind the front cover)
Overall dimensions	110 x 120 x 23 mm (l x h x p) terminal blocks included
Mounting	Support for DIN rail or OMEGA bar

Housing material	Blend PC/ABS self-extinguishing
IP protection	IP00
Connections	Removable screw terminal blocks, 5.08 mm pitch
Load cells	n.4 x350 Ohm load cells max
Excitation voltage	4V
Linearity	$< 0.01\%$ of full scale
Temperature drift	$< 0.001\%$ of full scale / $^{\circ}\text{C}$
Internal resolution	24 bit
Input range	From -2.6 mV/V to $+2.6 \text{ mV/V}$
Data Rate	from 4Hz to 123Hz
Digital filter	0,1 Hz - 50 Hz
Serial ports	Rs232, Rs485 half duplex
Alarm logic outputs	2 photorelays (24 Vcc/Vac on NA contact) Relay contact 100 mA
Logic inputs	2 optocoupled
16 bits analogue output	0-10 V / 0-5 V / 0-20 mA / 4-20 mA
- Impedance	Tension: min 10K Ω Current: max 3000
- Linearity	$< 0.03 \%$ of full scale
- Temperature drift	$< 0.002\%$ of full scale / $^{\circ}\text{C}$
Directives compliance	EN61000-6-2, EN61000-6-3, EN61010-1