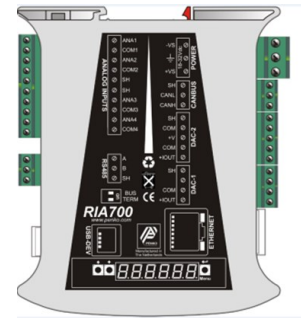


PENKO Engineering B.V.

The experts in weighing & dosing



RIA700 Remote AI/AO

Your Partner For Fully Engineered Factory Solutions



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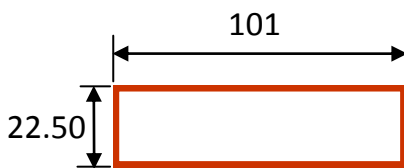
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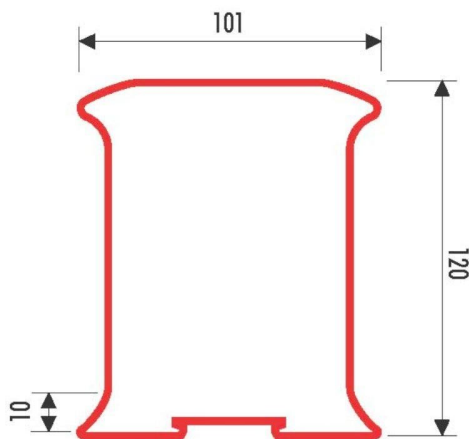
RIA700 Characteristics

The RIA700 is a remote analog extension for the FLEX. It offers an additional 4AI and 2AO. Without any software changes, the FLEX I/O can be mapped to the RIA700 AI/AO. The display shows the live inputs and outputs status. If connections fails, the display shows an error and the outputs will be switched off. The RIA is easy dinrail mountable, and can be used single or as a buslink system. Up to 5 RIAs can be coupled into one buslink system. Configuration of the device can be done from behind your desk using PENKO's freeware PI Mach II Manage.

RIA700 Dimensions



Top view



Side view

RIA700 Specifications

Type	RIA700
Power supply	18-32 Vdc (24 V type); 2,5W max.
Display size	6 digits x 7 segment LED red
Display functions configuration	Ethernet, CAN, Localbus
Display functions live	Display input and outputs on 7 segment display
Buttons	3
Analog Inputs	4, 16 bit; 4..20mA, 0..20mA, 0..24mA, 4..24mA Voltage possible by placing extrnal resistor i.e. 430 Ω @0-24mA range. Resolution 10.000 parts.
Analog Outputs	2, 16 bit; 4..20mA, 0..20mA, 0..24mA, 4..24mA or 0..10V, 0..5V, -5..5V, -10..10V. Voltage or Current selectable by jumper, range by software. Resolution 10.000 parts
MIB	Full MIB support by USB interface
Communication	RS485 Non isolated Local Bus protocol
Ethernet	TCP/IP UDP layer with PENKO TP protocol Ethernet/IP
USB	Device MIB configuration
CANBUS	Isolated port for Buslink protocol
Operating temperature	-10°C to +40°C [14°F to 104°F]
Storage temperature	-20°C to +70°C [-4°F to 158°F]
Relative Humidity	40-90% non condensing
Protection class	IP20
Weight	160g
Approvals	Industrial CE

