



ISP8 A1



PARALLEL SERIAL INTERFACE WITH RELAYS OUTPUT

Parallel serial interface, **low consumption**, compatible with all sensors in our HYDROLOGIC range.

The ISP8 receive a message from the RS232 serial link according to the manufacturer's protocol HY ISP8.

This message can be transmitted locally between the sensor and the ISP8 or through a dedicated line modem, RS232/Fiber converter or other (contact us).

It restore the measurement in parallel digital form according to the following formats :

- **BCD 3 Digits 1/2**
- **Natural Binary 14 bits**
- **Gray 12 bits**
- **Gray 14 bits**

Format configuration is done by selecting a microswitch on the electronic card inside the ISP8 box.

It presents the parallel value by means of 16 relays.



BOX	
Material	High strenght abs plastic
Color	Light gray
Relative humidity	< 80% without condensation
Dimensions	120 x 180 x 40 mm
Weight	700 g
CONNECTIONS	
Relays power supply	4 points screw terminal block
Parallel outputs	20 points screw terminal block
Serial input	SUB D 25 points female Different cables are available depending on the sensor to be connected
POWER SUPPLY	
Power supply	5V supplied by the sensor on the 25 point SUB D
Relays power supply	12VCC or 9 VAC
Average consumption	320 mA
GENERAL SPECIFICATIONS	
Entrance	Serial (RS232/V24) : Speed : 9600, 4800, 1200, 300 bauds Format : 7 bits of data, even parity, 1 bit stop
Parrallel output	BCD 3 Digits ½ Binaire naturel 14 bits Gray 12 bits Gray 14 bits
Light signal	One led displays the operation of the interface
Push button	A push button allows you to test the continuity of the connections.
ELECTRICAL CHARACTERISTICS	
Relays output	Voltage : 100 V Current : 10 mA à 1A

The characteristics and specifications are binding on our company only after confirmation.



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