

A723 Series 4 - Technical Specifications

Dimensions	100 x 70 x 40 mm
Weight	450g
Protection type	IP-66
Transmission distance	up to 1.000 m (dep. on topography)
Power Supply	internal 6.2V NiMH battery w. 2200 mAh, charged by solar panel or mains adapter
6 Analog inputs	0 - 2.5 V with 12-Bit resolution or 0 - 1V with 11-Bit resolution
2 Counter Inputs	for standard reed switches as used eg. in rain gauges or water meters. Max. frequency 50 pulses per second
SDI-12 port:	On-Board via I/O port A. Accepts up to 40 sensor values
2 Digital I/O's	Configurable as either TTL-inputs for status control or as TTL-outputs to switch a relay (might require relay amplifier interface ADI-124)
Stabilized Sensor Excitation	Adjustable from 3.3V to 5.5V
Unregulated Sensor Excitation	Feeds battery voltage to the sensors, unregulated from 5.6V to 7.5V
Memory	64KB for up to 20.000 readings (dep. on type of sensors attached)
Connectors	2 x Binder M9 7-pin female (Sensor) 1 x Binder M9 5-pin female (Power)
Mounting	Mast mounting bracket
Temperature range	-30°C... +70°C
Radio:	
Tx Output Power	10mW
Rx Sensitivity	-110dBm
Frequency range	432 - 470MHz
Type Approvals	R&TTE, CE, FCC, Ind.Canada, AUS