

Adcon A724 - Technical Specifications

Dimensions	119 x 79 x 60 mm 4.7 x 3.1 x 2.4 in
Weight	650gr (1.3lb.)
Ingress Protection	class IP-66
Temperature range	30°C to +70°C (-22°F to +158°F)
Case	Powder-coated aluminum
Connectors (all connectors IP66 if properly mated or capped)	1x Switchcraft 4-pin M12 to solenoids 1x Binder M9 7-pin to sensors 1x Binder M9 5-pin to solar cell / power supply
Power supply	6,2 V NiMH battery 1.600 mAh + solar cell / mains adapter
Solenoids	2x latching solenoids, programmable from 5.5 - 15VDC
Pulse Counters	2 x
Resolution	10-Bit @ 0 - 2,5 V ; 2x 30Hz counter
Sampling Interval	User-specific (from 60 sec. to 12 h)
Measuring method	synchronous
Internal memory	16KB for up to 10.000 values
Max. solenoid	runtime up to 18 hours with a single radio command
Safety	Auto-Stop of all irrigation valves if battery voltage drops below threshold
Operating time	up to 21 days without charging; Depends on number of switching actions and transmission rate
Frequency range	432 - 470MHz
Rx Sensitivity	-102 dBm
Tx Output Power	10mW
Transmission distance	up to 1km
Antenna	Omnidirectional Lambda/4
Type approvals	R&TTE, FCC Part 15, RA Australia, Industry Canada, etc.