



# AIR-TAG

## Revolutionising air compressor performance monitoring

AIR-TAG has been designed to monitor the performance of a stand-alone air compressor – regardless of the air compressor’s brand.

Located within the chosen air compressor, AIR-TAG sends data collected during monitoring, via the cloud to be viewed by the user on an easy-to-use interface.



Automate air compressor monitoring and control by letting AIRMATICSTM make the right performance and efficiency adjustments and decisions for you



Reduce energy costs attributable to air compressors by 30 percent

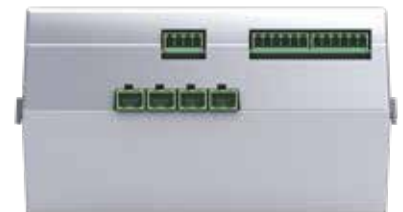
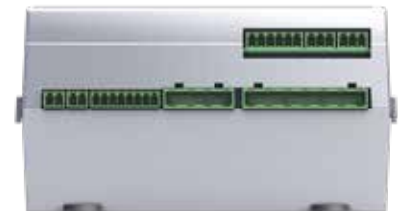
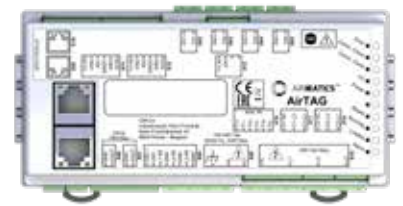


Achieve 24/7 and 360° visibility of your entire air compressor network’s performance, efficiency and health status



# SPECIFICATIONS

Item	Description	Terminal
<b>Input power</b>	100 - 240vAC, 50 / 60Hz	X09
<b>Max. Power consumption</b>	45W	
<b>Output power</b>	24vDC, Asset flow meter power	X06
<b>Max. power output</b>	19W (X06 & X07 combined)	
<b>Output power</b>	24vDC, 4G LTE gateway / router power	X07
<b>Max. power output</b>	19W (X06 & X07 combined)	
<b>Input / Output (I/O)</b>	0 - 600V AC, L1, L2, L3, Asset voltage (CATIII)	X10
	100mA CT, Asset VSD / VFD frequency (Hz) (14mA min. sensitivity)	
	100mA CT, Asset input power - L1	
	100mA CT, Asset input power - L2	
	100mA CT, Asset input power - L3	X08
	Digital input / Volt free contact, 24-240V, CATIII, Asset status (READY)	
	Digital input / Volt free contact, 24-240V, CATIII, Asset status (RUNNING)	
	Digital input / Volt free contact, 24-240V, CATIII, Asset status (LOADED)	
	Digital input / Volt free contact, 24-240V, CATIII, Asset status (ALARM)	X05
	Analogue input, mA isolated / V ground referenced, Asset delivery pressure	X11
	Analogue input, mA isolated / V ground referenced, Asset internal pressure	X12
	Analogue input, 4-20mA, Asset air flow	X13
	Analogue input, PT1000, Asset air/oil temperature (Compressor discharge)	X16
	Analogue input, PT1000, Asset ambient temperature	
Analogue input, PT1000, Asset prime motor casing temperature		
<b>Communications</b>	Serial RS485, Airbus™ device comm.'s	X17
	Serial RS485, MODBUS asset controller comm.'s	X18
	10 / 100M ethernet, RJ45 port, Airmatics™ device (IN)	X20
	10 / 100M ethernet, RJ45 port, Airmatics™ device or Gateway (OUT)	X19
<b>Mounting</b>	35mm 'TOP HAT' DIN rail	
<b>Ingress protection rating</b>	IP20	
<b>Operating temperature</b>	-20 to +40 °C / -4 to +104 °F, 90% relative humidity (non-condensing)	
<b>Storage temperature</b>	0 to +60 °C / +32 to +140 °F, 50% relative humidity (non condensing)	
<b>Weight</b>	450 grams	
	15.8 ounce	
<b>Dimensions</b>	161.5mm (L) x 86.5mm (W) x 79.5mm (H)	
	6.35 inch (L) x 3.40 inch (W) x 3.12 inch (H)	
<b>In the box</b>	TAG Module and TAG Connector Set	
<b>Certifications</b>	CE, UL, CSA, EAC	
<b>Warranty</b>	1 year limited warranty	



- Compact footprint
- Easy DIN rail mounting
- Intuitive diagnostic LED's
- Convenient terminal arrangement
- No service parts
- Durable ABS plastic enclosure
- Tamper proof seal

Visit [WWW.AIRMATICS.EU](http://WWW.AIRMATICS.EU) to Install Airmatics into Your Compressor Network or call:

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EMPOWERING THE COMPRESSED AIR USER.

