



Characteristics

At a glance



The software Festo AX Motion Insights Pneumatic is an “industrial app”. It enables the condition of pneumatic drives to be continuously monitored. AX Motion Insights Pneumatic provides an indicator to assess the risk of a pneumatic drive failing. This is calculated continuously and in real time, and can either be displayed or processed as a data stream via MQTT. This makes it possible, for example, to start maintenance measures depending on the condition of the drive.

Area of application

AX Motion Insights Pneumatic uses machine learning to monitor pneumatic actuators and issues an alert in case of operational anomalies. AX Motion Insights Pneumatic is an industrial app that is provided in the form of so-called Docker containers.

This means it can be flexibly integrated into existing IT systems and platforms. AX Motion Insights Pneumatic can be operated on on-site industrial PCs, virtual machines and servers in your own network or in a cloud infrastructure.

The prerequisite is that a so-called container runtime environment be provided. AX Motion Insights Pneumatic consists of the application core for monitoring the pneumatic drives and the connection controller.

The connection controller retrieves the data from the controller and makes it available to the application core (currently available for Siemens S7). A PLC function block to provide the correct data on the control side is included.

- Continuous monitoring of pneumatic drives for wear and anomalies
- Available via PLC module
- Easy to install without prior knowledge
- Can be used for all pneumatic drives regardless of manufacturer
- Simple display and access via browser
- Can be used flexibly thanks to Docker technology (edge computers, cloud, etc.)

Type code

001	Series	
GASA	AX Industrial App	

002	Area of application	
MIP	AX Motion Insights Pneumatic	

003	Target environment	
CTR	Container provided	

004	Type of licence	
	Standard licence	

005	Licence term	
12M	12 months	

006	Number of licences	
10	10 licences	
100	100 licences	
1000	1000 licences	

Ordering data

Ordering information – AX Industrial App				
Target environment	Licence term	Number of licences	Part no.	Type
Container provided	12 months	10 licences	8201760	GASA-MIP-CTR-12M-10
		100 licences	8201761	GASA-MIP-CTR-12M-100
		1000 licences	8201762	GASA-MIP-CTR-12M-1000