

ALLEN-BRADLEY XM CONDITION MONITORING

Product Data Sheet

1440-VAD02-01RA

XM-123 Aeroderivative Module

FUNCTION	FAMILY	ORIGIN	WEIGHT
XM-123 Aeroderivative Module	Allen-Bradley XM Condition Monitoring	USA	0.20 kg

Allen-Bradley 1440-VAD02-01RA is a XM-123 Aeroderivative Module for the Allen-Bradley XM Condition Monitoring. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Module designation	XM-123 Aeroderivative Module
Dynamic input channels	2
Dynamic input range	0 to +/-20 V selectable, 40 V peak-to-peak maximum
Dynamic frequency range	1 Hz to 20 kHz
Tachometer inputs	1
Tachometer speed range	1 to 1,200,000 rpm
Tachometer frequency range	0.0167 to 20,000 Hz
Analog outputs	2 isolated 4 to 20 mA outputs
Maximum analog load	300 ohms
Onboard relay	One DPDT relay, two Form C contacts

ADDITIONAL PRODUCT DATA

DeviceNet rates	125, 250 or 500 kbit/s, set by the bus master
Serial interface	RS-232 at 19,200 baud
Supply voltage	21.6 to 26.4 V DC
Maximum module current	300 mA
Operating temperature	-20 to +65 deg C

OFFICIAL APPLICATIONS

- Control and monitoring systems: Exact-model integration and maintenance
- Plant production equipment: Documented signal and communication functions
- Installed base maintenance: Exact article replacement and commissioning

SYSTEM COMPATIBILITY

Match 1440-VAD02-01RA to the installed Allen-Bradley XM Condition Monitoring, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Rockwell Automation XM-123 Aeroderivative Module User Manual](#)

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AMIKON PRODUCT SUPPORT

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