

Catalogue No: **1444-DYN04-01RA**

DYNAMIX 1444 DYNAMIC MEASUREMENT MODULE

Motor Control and Drives > Motor Starting and Protection > Condition Monitoring > Allen-Bradley Condition Monitoring Devices > Dynamix 1444 Integrated Machinery Monitoring System



Representative Photo Only
(actual product may vary based on configuration selections)

Dynamix 1444 Dynamic Measurement Module

- EtherNet/IP communications, dual port or Device Level Ring
- Compact, distributed and fully integrated into Rockwell Automation's Integrated Architecture
- High performance dual processors
- Conformally coated, rated to +70°C
- Marine certification standards for shock and vibration
- Electrical safety and hazardous area approved
- SIL 2 Safety, API 670 compliant
- Standard assemblies for configuration, input, and output
- Simplifies your application design
- Reduces cost for spares, training and support

SPECIFICATIONS

Product Series	Dynamix 1444
Condition Monitoring Type	Module
Type	Measurement
Signal Type(s)	Eddy current probe system Dynamic Pressure Transducers Voltage Signal Self-powered sensor Dual sensors (acceleration + temperature) Accelerometer - ICP
Umin, Supply Voltage, DC, Min	18 V DC
Umax, Supply Voltage, DC, Max	32 V DC
Input Channels	4
Outputs	2 Digital and 4 Buffered
Relay Outputs	1
Communication	Ethernet
Operating Temperature, Min	-25 °C min
Operating Temperature, Max	70 °C max
Storage Temperature, Min	-40 °C min
Storage Temperature, Max	85 °C max
Relative Humidity, Min	5 %RH
Relative Humidity, Max	95 %RH
Humidity Type	Non-condensing
Mounting	DIN-35 Rail Mount
Height	106 mm
Width	102 mm
Depth	154 mm
Weight	0.4 kg
Vibration Acceleration (Max.)	2 m/s ²
Vibration Frequency, Operational (Max.)	500 Hz

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Standards Compliance	IEC 60068-2-1 IEC 60068-2-2 IEC 60068-2-14 IEC 60068-2-30 IEC 60068-2-6 IEC 60068-2-27 IEC 61000-4-2 IEC 61000-4-3 IEC 61000-4-6 IEC 61000-4-4 IEC 61000-4-5
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Certifications	C-UL-US CE RCM ATEX IECEX KC (KCC)
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REFERENCES

IECEX Certificate -

Supplier Declaration of Conformity: -

Installation Guide: -

User Manual: -

Manufacturer Datasheet: -

Manufacturer Catalogue & Product Selection: -