



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

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| 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 |

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



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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: -