



# FOR THE LEADING EDGE IN INDUSTRIAL AUTOMATION...

## SPECIAL FEATURES

- IEC-61131-3
- High Speed CPU
- Large Memory
- SD Card
- Multiple Protocols- Profibus DP, OPC, Modbus, Ethercat, Ethernet IP
- Up to 2048 I/Os
- Modular
- Premium and Standard Range of I/O Modules
- Remote I/Os
- Conformal Coating
- SOE (Sequence of Events)
- BFO (Battery Free Operation)
- EPS (Easy Plug System)
- OTD (One Touch Full Advanced Diagnostics)
- OFD (On Board Full Documentation)
- Hot Swapping
- Web Server
- Redundancy
- Industry 4.0
- Safety Solutions - SIL2/SIL3

## APPLICATIONS



Water & Wastewater



Automotive



Metal & Mining



Chemical



Oil & Gas



Power



Food & Beverage



Material Handling



Textile & Pulp



Sugar & Ethanol

# NX-ERA Series

Type	Code	Communication Ports	Protocols	Bus Expansion	Embedded Power Supply	Memory Card
CPUs	NX3003	1x Serial (RS-485) 1x Ethernet TCP/IP	Standard protocols*	No	Yes	No
	NX3004	1x Serial (RS-485/RS-422) 1x Ethernet TCP/IP	Standard protocols*	1	Yes	No
	NX3005	1x Serial (RS-485/RS-422) 1x Ethernet TCP/IP	IEC 60870-5-104 Server, EtherNet/IP, WebServer and standard protocols*	up to 4	Yes	No
	NX3010	2x Serial (RS-232 e RS-485/RS-422) 1x Ethernet TCP/IP	EtherNet/IP and standard protocols*	up to 8	No	Yes
	NX3020	2x Serial (RS-232 e RS-485/RS-422) 2x Ethernet TCP/IP	IEC 60870-5-104 Server, EtherNet/IP, EtherCAT and standard protocols*	up to 24	No	Yes
	NX3030	2x Serial (RS-232 e RS-485/RS-422) 2x Ethernet TCP/IP	IEC 60870-5-104 Server, EtherNet/IP, EtherCAT and standard protocols*	up to 24	No	Yes
Communication Modules	NX5000	10/100 Mbps Ethernet TCP/IP Module				
	NX5001	PROFIBUS-DP Master				
	NX5100	MODBUS TCP Head				
	NX5101	MODBUS TCP Head				
	NX5110	PROFIBUS-DP Head				
	NX5210	Redundant PROFIBUS - DP Head				
Input Modules	NX1001	24 Vdc 16 DI Module				
	NX6000	8 AI Voltage/Current Module				
	NX6010	8 AI Thermocouple Module				
	NX6020	4 AI RTD Module				
Output Modules	NX2001	24 Vdc 16 DO Transistor Module				
	NX2020	16 DO Relay Module				
	NX6100	4 AO Voltage/Current Module - 16 bits				
Mixed I/O Modules	NX1005	24 Vdc 8 DO Transistor/8 DI Mixed Module				
Power Supply Modules	NX8000	30 W 24 Vdc Power Supply Module				
Racks	NX9010	8-Slot Backplane Rack (no hot swap)				
	NX9000	8-Slot Backplane Rack				
	NX9001	12-Slot Backplane Rack				
	NX9002	16-Slot Backplane Rack				
	NX9003	24-Slot Backplane Rack				
NX-ERA Jet Modules	NJ1001	24 Vdc 16 DI Module				
	NJ1005	8 DO 24 Vdc Transistor and 8 DI 24 Vdc Mixed Module				
	NJ6000	8 AI Voltage/Current Module - 16 bits				
	NJ6001	6 AI Voltage/Current Module - 12 bits				
	NJ6010	8 AI Thermocouple Module				
	NJ6011	4 AI Thermocouple Module				
	NJ6020	8 AI RTD Module				
	NJ2001	24 Vdc 16 DO Transistor Module				
	NJ6100	4 AO Voltage/Current Module - 16 bits				
	NJ6101	4 AO Voltage/Current Module - 12 bits				
	NJ6005	4 AO/6 AI Mixed Module - 12 bits				
Safety Modules (SIL3)	NX3810	Functional Safety Module CPU				
	NX1800	24 Vdc 8 DI Functional Safety				
	NX2800	24 Vdc 4 DO Functional Safety Transistor				
Special Modules	NX4000	Bus Expansion Module				
	NX4010	Redundancy Link Module				
Software	Tools LITE	Programming software - Lite				
	Tools BASIC	Programming software - Basic				
	Tools PRO	Programming software - Professional				
	Tools ADV	Programming software - Advanced				

\*Standard protocols: MODBUS RTU, MODBUS TCP, MODBUS RTU/TCP, SNTIP, SNMP and OPC DA.

Messung Systems Pvt. Ltd.

501-503, Lunkad Sky Vista, Viman Nagar, Pune - 411014, India.

t: +91 20 6649 2800 | e: sales@messung.com | w: www.messungautomation.co.in

Mumbai Office t: +91 22 2835 5066 | Bengaluru Office t: +91 80 4228 8580

automation & controls  
electrical engineering  
workplace technology