NEXTO XPRESS

YOUR GATEWAY TO
INDUSTRY 4.0

Connect your business to the IoT universe

Ideal for building automation, such as lighting and climate control, process supervision, conveyors and access control.

Precision variable control in sanitation market applications such as remote control stations, pumping stations and reservoir level control.

Speed and economy to control labelers, blowers, washers, injectors, baggers, grinders, presses and other machines.

VERSATILITY

The solution offers four models that differ in number of points and features available: XP300, XP315, XP325 and XP340. With up to 43 I/O points per product, Xpress devices still have 04 fast inputs and 04 outputs, LEDs for status indication and diagnostics, DIN rail mounting, pull-out connectors and expandability via CAN port or the I/O points themselves.

CONFORMAL COATING

To ensure the integrity of PLCs even in harsh environments, Xpress printed circuit boards undergo a conformal coating process, in which a thin layer of non-conductive material is applied to protect them from corrosion, extreme temperatures, salt spray, humidity, among others.

SMALL IN SIZE, HUGE IN PERFORMANCE

With compact design (212,5 x 90,1 x 32,2 mm) and 24 Vdc power supply, the Xpress solution is ideal for embedded control of machines and small size applications. Its ARM 32 Bit processor, combined with Real Time Clock (RTC), high density of multiple purpose (tension, current and RTD) digital and analog I/O, give the solution an elevated processing capability, accuracy and agility on data acquisition.

QUICK AND MULTIPROTOCOL COMMUNICATION

Designed to meet the demands of highly connected environments, the solution supports a wide variety of communication protocols, which enables you to interact with different types of smart devices. In addition to Ethernet based protocols, such as MODBUS TCP, EtherNet/IP, OPC DA, OPC UA and MQTT, Xpress products also count on RS 485, CAN and USB Serial communication interfaces.

Digital outputs supporting 1.5 A per dot (maximum 12 A), 12-bit resolution analog I/O, and all-channel update in less than 1 ms, one of the fastest on the market.

Possibility to connect to smart devices such as media converters, barcode readers, wireless modems and data storage devices via USB interface. *

In addition, the XP340 model offers WebServer support, a system that allows the creation of supervision and monitoring screens. More details about this feature can be found on page 9.

* Contact our sales team for more information.

NEXTO XPRESS | AVAILABLE MODELS

	CODE	DIGITAL INPUTS	DIGITAL OUTPUTS	V/I ANALOG INPUTS	RTD ANALOG INPUTS	V/I ANALOG OUTPUTS	CANOPEN MASTER PROTOCOL	WEBSERVER
CPUs	**XP300**	16	16	-	-	-	Yes	No
	XP315	16	16	5	2	-	Yes	No
	XP325	16	16	5	2	4	Yes	No
	XP340	16	16	5	2	4	Yes	Yes