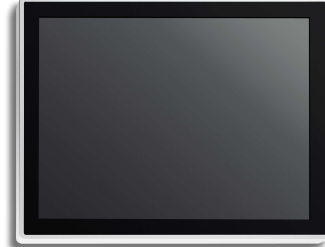


BlueLine Core

Type 8280B

Intelligent Monitoring and Control Unit

- State-of-the-art digital connection technology
- Digital real-time switch signals
- Compact Touch Screen Panel
(with integrated FILLCONTROL software)



Description

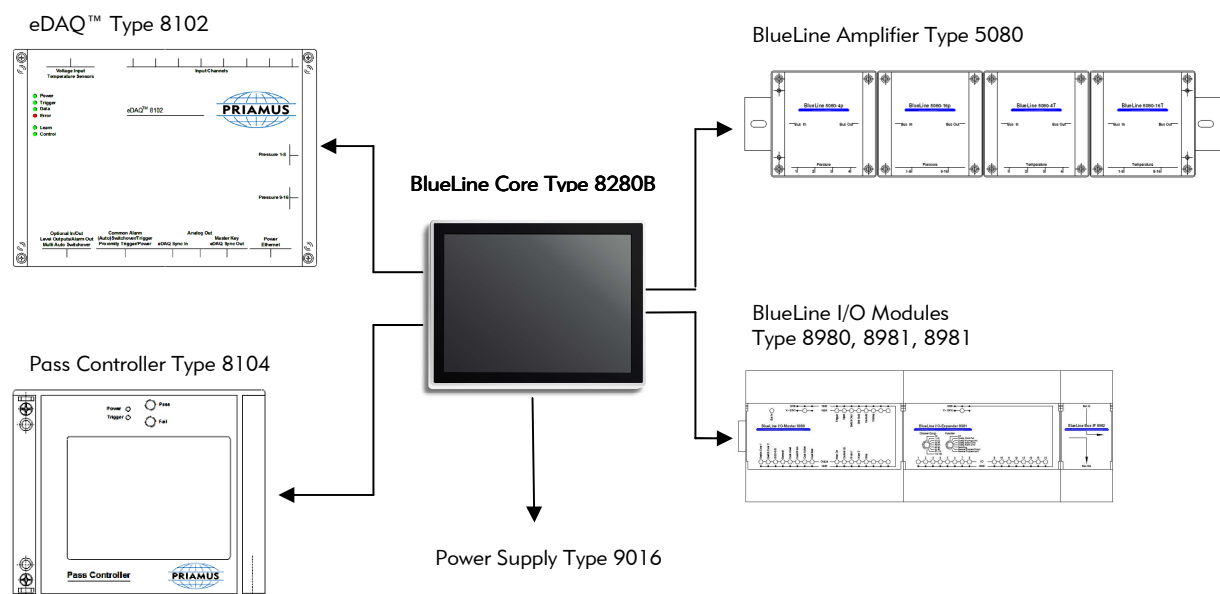
The BlueLine Core 8280 is a powerful control device for the monitoring and control of the injection molding process according to the state of the art. The unit is provided with all interfaces which are required for the operation of all PRIAMUS® BlueLine devices.

High speed data acquisition systems of PRIAMUS® do not require additional boards for A/D conversion or for digital inputs and outputs anymore. For this reason the connected PC must not have any slot which allows an extreme compact design.

Besides a number of standard interfaces the BlueLine Core is equipped with 2 Ethernet interfaces: Via the first interface a huge number of data are transferred from the PRIAMUS® data acquisition system which builds its own network. The second Ethernet interface is used to connect a standard internet or intranet network.

Advantage:

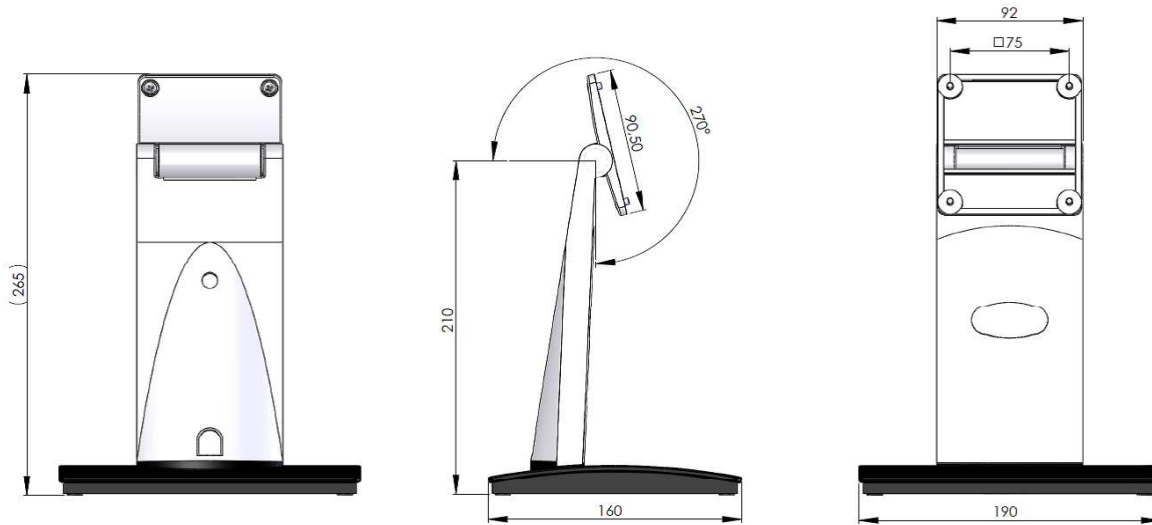
- The internet or intranet is not influenced by the huge number of measuring data.
- The network for data transmission is not be influenced by fluctuations in the company network.





Technical data

Description	Unit	Specification
Housing		Solid aluminum, Silverware anodized Front: glass
Dimension (L x W x H)	mm	351 x 275 x 56
Weight	kg	4.3
Operating temperature	°C	0 ... 50
CPU		AMD eOntario T56N Dual Core™ 1.6 GHz 64-bit
Chip set		AMD A50M
RAM		4 GB DDR3
Harddisk		500 GB, SATA, 24/7
Network		2 x 10/100/100 Base-T Ethernet Interfaces
Interfaces		1 x Hybrid-Bus-In 2 x Hybrid-Bus-Out 4 x USB 2.0 (Type A) on the Bottom 1 x USB 2.0 (Type A) on the Sie 1 x VGA 1 x RS-232
Display		15" LCD TFT
Resolution		1024 x 768
Touch Screen		Capacitive
Degree of protection front-panel		IP65
Degree of protection Chassis		IP20
Operating system		Windows 7 embedded
Cooling system		Passive (fanless) → cleanroom-compatible
RoHS-compliant		yes
Assembly		VESA 75
Current consumption (nominal)		22W
Certification		CE, EN55022, EN55024, DIN EN ISO 9001

Dimension Desk Stand Type 9019 [mm]

Scope of delivery

Article	Type
Power Supply	9016

Accessories (optional)

Article	Type
BlueLine Amplifier	5080
BlueLine I/O Master	8980
BlueLine I/O Expander	8981
BlueLine I/O Interface	8982
Mounting device for BlueLine Core	9008
Hybrid-Bus connection cable	1280
Ethernet cable	1281
Desk Stand	9019

Order code

Type 8280B BlueLine Core