

## BlueLine Bus Interface Type 8982A

- Coupling module between top hat rail bus and hybrid bus cable
- Transmission of digital control signals between machine and BlueLine system
- Flexible, simple construction
- Mechanically robust, space-saving and cascable
- Connection to remote IO modules via hybrid bus cable via top hat rail



### Description

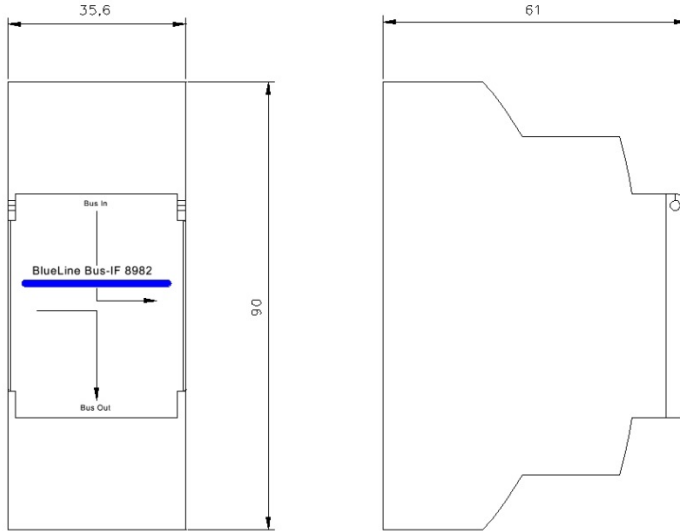
The BlueLine Bus Interface type 8982A is connected to an I/O module series via a hybrid bus connection cable. The I/O module series consists of a BlueLine I/O Master and of one or several BlueLine I/O Expanders. The modules are coupled directly, without any cables, on the top hat rail bus.

The hybrid bus cable type 1280A is being used to connect the I/O module series with the BlueLine Interface

### Technical Data

Properties	Specification
Dimensions (L x W x H)	35.6 x 90 x 61 mm
Weight	0.084 kg
Working temperature range	0 ... 60 °C
Storage temperature range	-40 ... 80 °C
Max. current for bus voltage supply	2 A
Hot-plug	Yes
Assembly	Top-Hat Rail
RoHS-compliant	Yes

**Dimensions (in mm)**



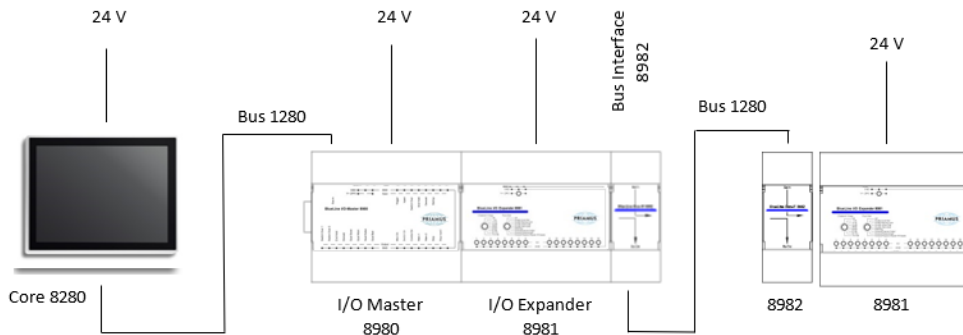
**Interconnection Example in the Bus**

Variant 1:

The bus signal from the Core enters the Master module via its Bus-IN connector. The output takes place via the Bus-OUT of the Bus-Interface.

Variant 2:

With a remote BlueLine module series, the hybrid bus cable is always coupled to the Bus-In connector of the Bus Interface module.



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Subject to technical amendments  
Projection method: First Angle Projection

## Accessories

Type number	Article
1280Ax	BlueLine hybrid bus connection cable To connect all BlueLine devices
1281Ax	Ethernet adapter cable To connect FILLCONTROL Measure
5080A-4p	BlueLine amplifier for cavity pressure signals with 4 channels 4 x single-channel connectors Fischer type 102 TRIAX
5080A-16p	BlueLine amplifier for cavity pressure signals with 16 channels 2 x multi-channel connectors Fischer type 104, 16-pin (Code 1)
5080A-4T	BlueLine amplifier for cavity temperature signals with 4 channels 4 x single-channel connectors Fischer type 101 TRIAX
5080A-16T	BlueLine amplifier for cavity temperature signals with 16 channels 2 x multi-channel connectors Fischer type 104, 19-pin (Code 2)
8280C	BlueLine Core Control unit for monitoring and controlling of the injection molding process
8980C	BlueLine I/O Master Basic module for transmitting control signals between the injection molding machine and the BlueLine system.
8981A	BlueLine I/O Expander Extension module for transmitting control signals between the injection molding machine and the BlueLine system.
9015A	BlueLine inductive switch for easy starting and measuring
9016A	BlueLine power supply unit for: - BlueLine amplifiers types 5080A - BlueLine Core type 8280C
9080A	BlueLine top hat rail bus For mounting of several interconnected BlueLine devices such as I/O Master or I/O Expander

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