

- This module is used together for example with the gateway BL20-GW-DPV1
- Protection class IP20
- LEDs indicate status and diagnostic
- Electronics galvanically separated from the field level via optocouplers
- Connection of 2 BLident read/write heads (HF or UHF)
- Mixed operation of HF and UHF read/write heads
- Transmission rate: 115.2 kbps
- Cable length: 50 m max.

Functional principle

BL20 electronic modules are plugged into the purely passive base modules which are used for connection of field devices. Maintenance is significantly facilitated due to separation of the connection level from the module electronics. Furthermore flexibility is enhanced because the base modules provide a choice of tension spring or screw connection technology.

The electronic modules are completely independent of the type of higher level field bus through the use of gateways.

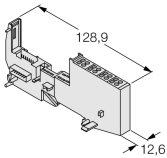
Type	BL20-2RFID-A
Ident-No.	6827233
Number of channels	2
Rated voltage from the supply terminal	24 VDC
Supply voltage	24 VDC
Rated current from field supply	≤ 100 mA
Rated current from module bus	≤ 30 mA
Power loss, typical	≤ 1 W
Transmission rate	115.2 kbps
Cable length	50m
Electrical isolation	isolation of electronics and field level via optocouplers
Connection technology	Screw, tension spring
Simultaneity factor	1
Sensor supply	0.25 A per channel, short-circuit proof
Number of diagnostics bytes	4
Number of parameter bytes	8
Number of input bytes	4
Number of output bytes	4
Dimensions (W x L x H)	12.6x74.1x55.4mm
Approvals	CE, cULus, zone2, ClassI,div.2.
Operating temperature	0 ... +55 °C
Storage temperature	-25 ... +85 °C
Relative humidity	5 to 95% (internal), Level RH-2, no condensation (at 45 °C storage)
Vibration test	acc. to EN 61131
Shock test	acc. to IEC 68-2-27
Drop and topple	acc. to IEC 68-2-31 and free fall to IEC 68-2-32
Electro-magnetic compatibility	acc. to EN 50,082-2
Protection class	IP20

BL ident® extension module for use with function module or with programmable gateway

Interface for connection of BL ident® read/write heads (HF/UHF)

BL20-2RFID-A

Compatible base modules

Dimension drawing	Type
	BL20-S4T-SBBS 6827046 tension spring connection BL20-S4S-SBBS 6827047 screw connection