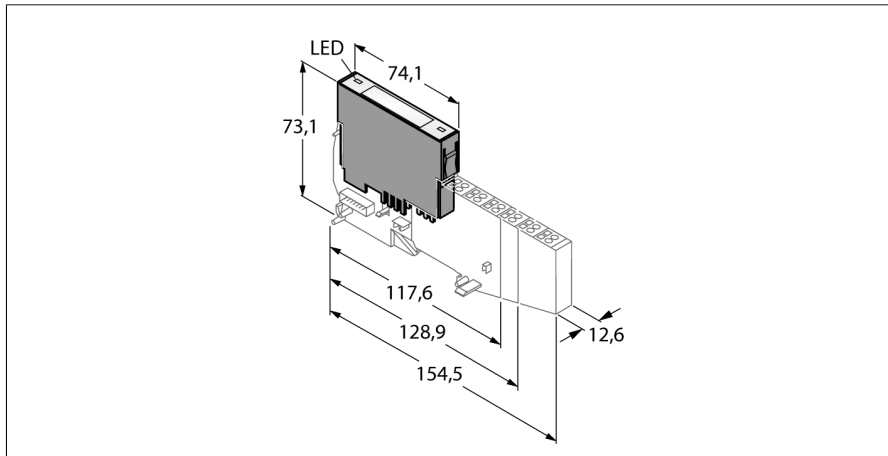


BL20 electronic module

Power Feeding Module with Diagnostics Function

BL20-PF-24VDC-D



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.

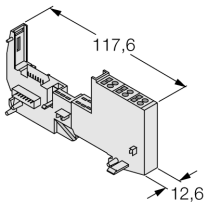
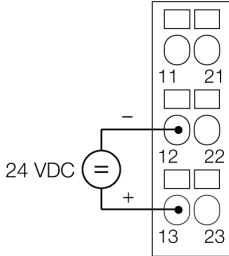
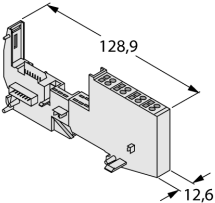
Type designation	BL20-PF-24VDC-D
Ident-No.	6827007
Field supply	24 VDC
Admissible range	18...30 VDC
Nominal current from module bus	≤ 28 mA
Max. field supply current	10 A
Output connectivity	Screw, tension spring
Number of diagnostic bits	4
Dimensions (W x L x H)	12.6 x 74.1 x 55.4mm
Approvals	CE, cULus, zone 2, Class I, Div. 2
Operating temperature	0 to +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
Electromagnetic compatibility	acc. to EN 50,082-2
Protection class	IP20

BL20 electronic module

Power Feeding Module with Diagnostics Function

BL20-PF-24VDC-D

Compatible base modules

Dimension drawing	Type	Pin configuration
	BL20-P3T-SBB 6827036 Tension spring connection BL20-P3S-SBB 6827037 Screw connection	Wiring Diagram 
	BL20-P4T-SBBC 6827038 Tension spring connection, access to C rail BL20-P4S-SBBC 6827039 Screw connection, access to C rail	Wiring Diagram 