



Ethernet IP Gateway



- Modular I/O
- IP 20 Protection
- Fieldbus Independent Configuration
- Various I/O Styles

Electrical

- Operating Current: <math>< 430 \text{ mA}</math> from BR power supply (U_{SYS})
- Supply Current: <math>< 10 \text{ A}</math> to I/O (from U_{L})
<math>< 1.5 \text{ A}</math> to backplane (from U_{SYS})

Mechanical

- Operating Temperature: 0 to +55°C (+32 to +131°F)
- Protection: IP 20
- Vibration: 1 g @ 5-100 Hz

Material

- Housing: PC-V0 (Lexan)

Diagnostics (Logical)

- Diagnostic information available through the PROFIBUS-DP interface

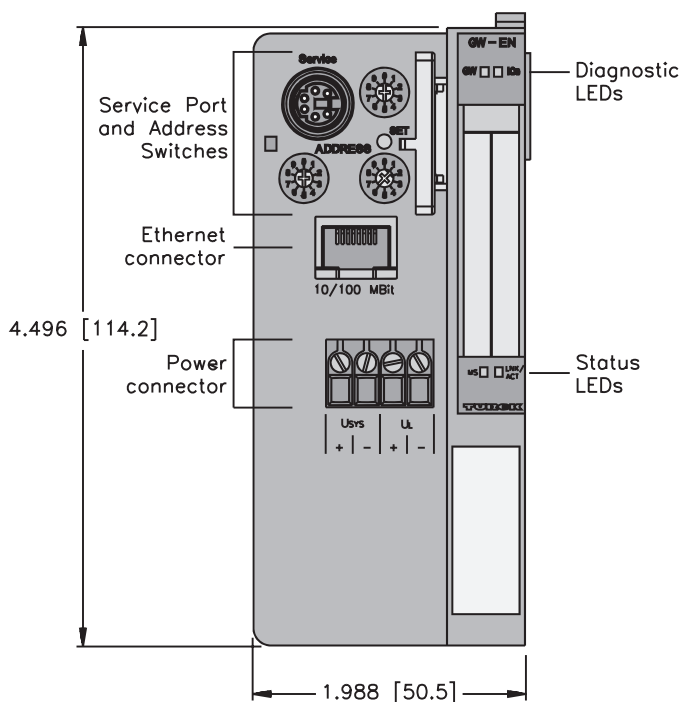
Diagnostics (Physical)

- LEDs to indicate status of PROFIBUS-DP and Module Bus communication

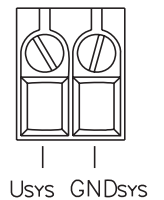
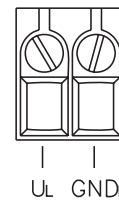
Programmability

- PG in part number designates a programmable gateway
- Programmable according to IEC 61131.3 using CodeSys (includes ladder logic)
- Use CodeSys to create logic programs to control local I/O

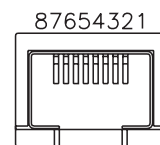
BL20-GW-EN-IP
BL20-PG-EN-IP



Power Connectors



RJ45 Ethernet Standard



- 1 = WH/or (+TX)
- 2 = OR (-TX)
- 3 = WH/GN (+RX)
- 4 = BU
- 5 = WH/BU
- 6 = GN (-RX)
- 7 = WH/BN
- 8 = BN