

**Masters and Gateways**

**StoneL Model 458104**

**Dual Channel AS-Interface to PROFIBUS-DP Basic Gateway**

The AS-Interface/PROFIBUS gateway interfaces two (2) AS-Interface networks to PROFIBUS-DP. The gateway acts as a master for two (2) AS-Interface networks and as a single slave for PROFIBUS. AS-Interface functions can be called up via PROFIBUS. Commissioning can be easily accomplished with the use of a handheld addressing unit or with the push-buttons on the gateway.

**Features**

- AS-Interface peripheral fault diagnostics
- Version 2.1 master-compatible with all 2.0 and 2.1 slaves and 7.3 profile analog modules



Enclosure Option



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**Specifications**

AS-Interface Master Version

- 2.1

Interface • PROFIBUS-DP

Operating Current • 200mA (from AS-Interface 1)  
• 70mA (from AS-Interface 2)

Operating Voltage • 30 VDC AS-Interface Voltage (AS-Interface power supply)

Baud Rate • 9.6k - 12000k Baud (automatic recognition)

AS-Interface Cycle Time • Cycle Time = 150 microsec. x (AS-Interface Slaves +2)

- Displays
- LCD Display
  - Display Network1/Network2, green LED
  - Serial communication active, green LED
  - Configuration error, red LED
  - AS-Interface voltage normal, green LED
  - AS-Interface normal operation, green LED
  - Automatic address program enabled, green LED
  - Master in configuration mode, yellow LED

Operating Temp. • 0° to +55°C (+32° to +131°F)

Storage Temp. • -25° to +85°C (-13° to +185°F)

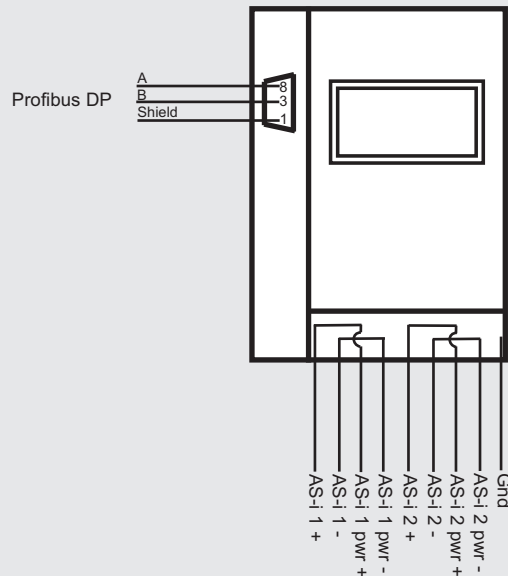
Housing • Stainless steel, DIN rail mounting

Dimensions (L, W, H) • 120mm, 75mm, 83mm (L, W, H)

Ingress Protection • IP20, field enclosure required

Weight • 460g (1.0 pounds)

**Schematic Drawing**



**Graphical Display**

The new interactive graphical display on this gateway enables the entire AS-Interface network to be commissioned and the connected devices to be completely tested without a PC, PLC or host system. It also enables the user to complete all tasks previously requiring the "AS-Interface Control Tools" software package or handheld. This allows for simpler and faster commissioning.

**Features**

- Set device addresses
- Test inputs and outputs
- Perform network diagnostics
- View error counter