8 CHANNEL ANALOG INPUT CARD BLOCK DIAGRAM

BUS TO MOTHERBOARD

LOGIC

A/D
12 Bit

Inverter

Field Power Supply

Calibration
Storage
EEPROM

Transient
Protect

Current
Sense

LP Filter

FIELD TERMINATIONS

8
7
6
5
4
3
2
1
COM

ANIN8

12 BIT RES.
8 CHANNEL
4-20MA/5VDC
COMMON RTN
ISOLATED
FROM BUS
SELF PWR

RUGID

8
7
6
5
4
3
2
1
COM
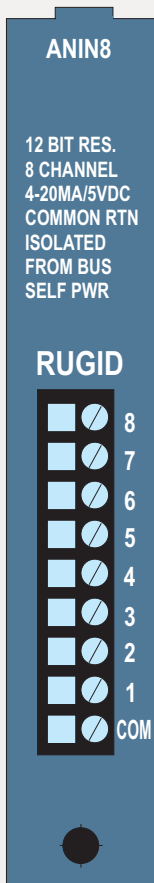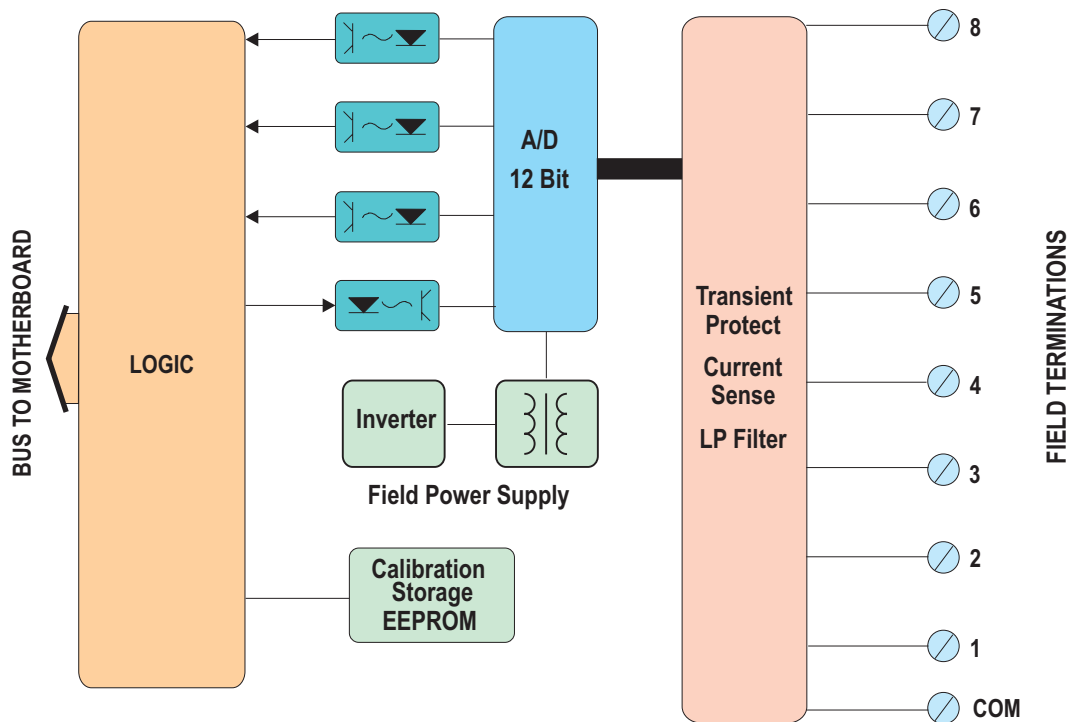
Tab fits into slot in card cage
to secure upper end of panel.

FEATURES:
2500 V opto-isolation per channel.
Inputs can be 4-20 ma or 0-5 VDC
On board factory calibration in EEPROM.
On board field power supply allows
readings down to zero volts.

Panel is .060 aluminum, painted
Polane Blue to match card cage.
Paint is two part epoxy.
Panel shown actual size.

Screw terminals in removable
rising cage type header secure field wires.
Terminals accept up to 12 AWG wire.

Single screw secures lower end to
card cage.
Panel retains circuit card securely.

Text

R9 AI8	
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