

Model Number
691B70

4-20mA SHUNT-DIODE SAFETY BARRIER

Revision: NR
ECN #:

SAFE AREA ELECTRICAL CHARACTERISTICS

Supply Voltage
Supply Current (maximum fuse disconnect)
Load Resistance

ENGLISH	SI
20 to 35 Vdc	20 to 35 Vdc
50mA	50mA
0 - 250 Ω Max.	0 - 250 Ω Max.

OPTIONAL VERSIONS
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

HAZARDOUS AREA ELECTRICAL CHARACTERISTICS

Safety Description:
Maximum Voltage
Resistance
Maximum Current

28Vdc
300Ω
93mA

- NONE -

Signal Conditioner Wiring:

Positive Supply Voltage
Positive 4-20mA Signal
Negative Supply/Signal/Ground

Pin 1
Pin 2
Din Rail

Pin 1
Pin 2
Din Rail

Sensor Wiring:

Positive
Negative

Pin 4
Pin 3

Pin 4
Pin 3

PHYSICAL CHARACTERISTICS

Size(HxWxD)
Connectors

4.1 x 3.5 x 0.5 in.
Terminal Block

105 x 90 x 12.6 mm
Terminal Block

NOTES:

[1] See PCB Declaration of Conformance PS063 for details.

SUPPLIED ACCESSORIES:

None

CE^[1]

All specifications are at room temperature unless otherwise specified.

ICP[®] is a registered trademark of PCB Piezotronics, Inc.

In the interest of constant product improvement, we reserve the right to change specifications without notice.

Form DD030 Rev.F 2/23/99

Drawn: *JAH*
Date: 10/22/07

Engineer: *MF*
Date: 11/14/07

Sales: *JAH*
Date: 10/24/07

Approved: *JF*
Date: 10/14/07

Spec Number:
38907

IMISENSORS
A PCB PIEZOTRONICS DIV.

3425 Walden Avenue, Depew, NY 14043

800-959-4464 Fax (716) 684-3823

E-Mail: imisales@pcb.com