FieldBlock Nonincendive™ Enclosure (FN) with:

AS-Interface (1-6) Protected Drop Connector (FNP02____)
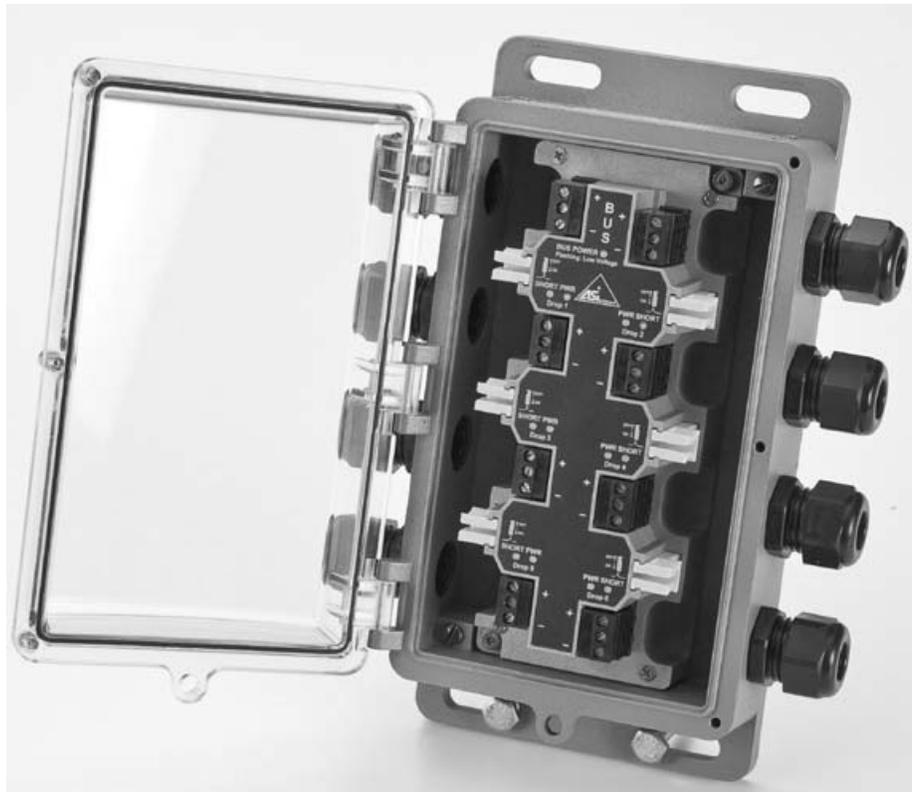
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FNP02 Model Selector (Example: FNP02CP01A)

	Function	Enclosure	Entry Options	Brand	Options
FN	**P02** Protected Drops, AS-Interface (Bus In/Out and (6) Drops)	**C** North American (NEC/CEC) **D** International (IEC)	**P01 -** (8) 1/2" NPT Conduit Entries **P02 -** (8) M20 Conduit Entries **G01 -** (8) Cable Glands **N01 -** (8) 4-Pin Mini Connectors (1-Male; 7-Female) **M01 -** (8) 4-Pin Micro Connectors (1-Male; 7-Female) **C01 -** (2) 1/2" NPT Conduit Entries; (6) Cable Glands **C02 -** (2) 1/2" NPT Conduit Entries; (6) 4-Pin Mini Connectors **C04 -** (2) 1/2" NPT Conduit Entries; (6) 4-Pin Micro Connectors	**A** StoneL **M** Metso **N** Neles	**_******* (Special)

General Specifications

Materials of Construction

Housing	Epoxy Coated Anodized Aluminum	**Operating Life**	Unlimited
Cover	Polycarbonate	**Temperature Range**	-40° to +80° C (-40° to 176° F)
Elastomer Seals	Silicone	**Enclosure Protection**	NEMA 4, 4X & 6; IP67
Fasteners	Stainless Steel	**Warranty**	Two Years

Dimensions (in inches)

1/2" NPT (8) or M20 (8)

StoneL Corporation Phone: (218) 739-5774 · Toll-free: (800) 843-7866 · Website: www.stonel.com
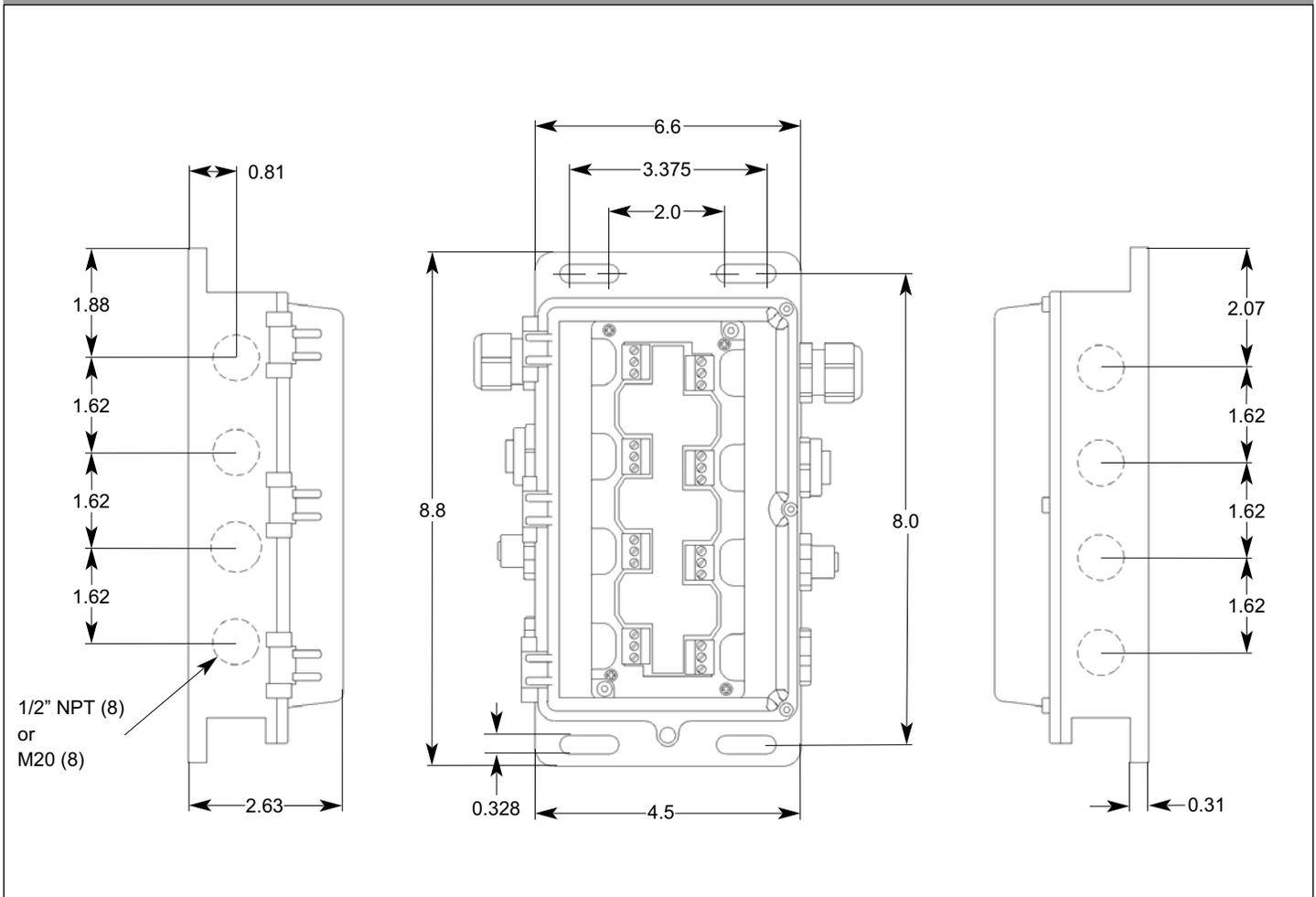
AS-Interface Protected Drop Connector
Bus in, Bus out, and (6) Protected Drops for AS-Interface networks.

|			
Voltage Range	31.6 VDC max	Current Consumption	20mA max
Operating Voltage	AS-Interface Voltage	Voltage Drop (Trunk)	Negligible
Current Rating	8 Amps (Bus)	Voltage Drop (Drop)	1.0 VDC max
Break Current	>240mA	LED Displays:	BUS POWER, Green LED (Flashing = low voltage)
Holding Current	28mA		PWR, Green LED, Drop Energized
Reset Current	<28mA		SHORT, Red LED, Drop in over-current state
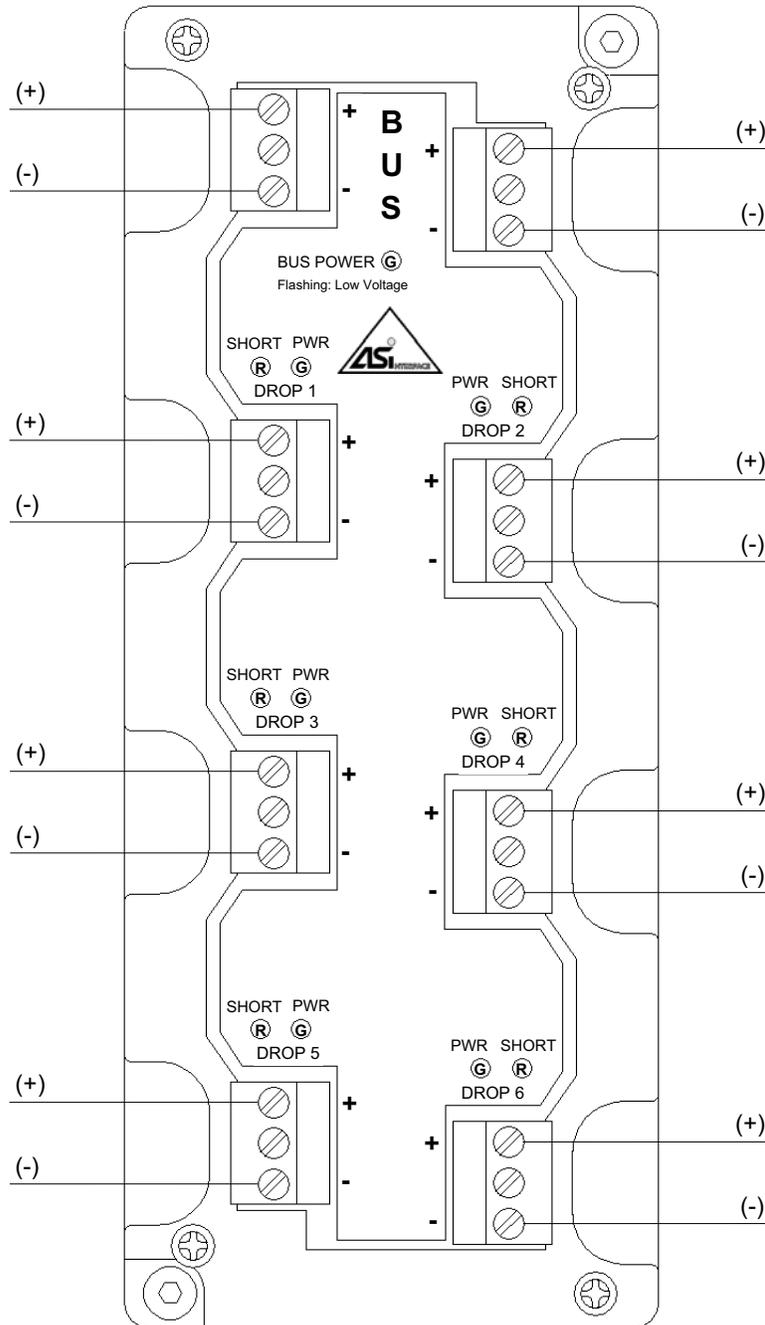
		FNP02***			
		BUS IN (BI) & BUS OUT (BO)			
PIN	WIRE COLOR	FNP02_N01_	FNP02_M01_	FNP02_C02_	FNP02_C04_
1	BROWN	(+)	(+)	N/A	N/A
2	No Connection	NOT USED	NOT USED	N/A	N/A
3	BLUE	(-)	(-)	N/A	N/A
4	No Connection	NOT USED	NOT USED	N/A	N/A
		DROPS (D1- D6)			
1	BROWN	(+)	(+)	(+)	(+)
2	No Connection	NOT USED	NOT USED	NOT USED	NOT USED
3	BLUE	(-)	(-)	(-)	(-)
4	No Connection	NOT USED	NOT USED	NOT USED	NOT USED

BI   BO
D1   D2
D3   D4
D5   D6

MINI RECEPTACLES

MINI-CONNECTOR
1   3
2   4
MALE (PINS)
BUS IN (BI)

MINI-CONNECTOR
3   1
4   2
FEMALE (SOCKETS)
BUS OUT (BO)

MINI-CONNECTOR
3   1
4   2
FEMALE (SOCKETS)
DROP (D1-D6)

MICRO RECEPTACLES (M12)

MICRO-CONNECTOR
4   3
1   2
MALE (PINS)
BUS IN (BI)

MICRO-CONNECTOR
3   4
2   1
FEMALE (SOCKETS)
BUS OUT (BO)

MICRO-CONNECTOR
3   4
2   1
FEMALE (SOCKETS)
DROP (D1-D6)
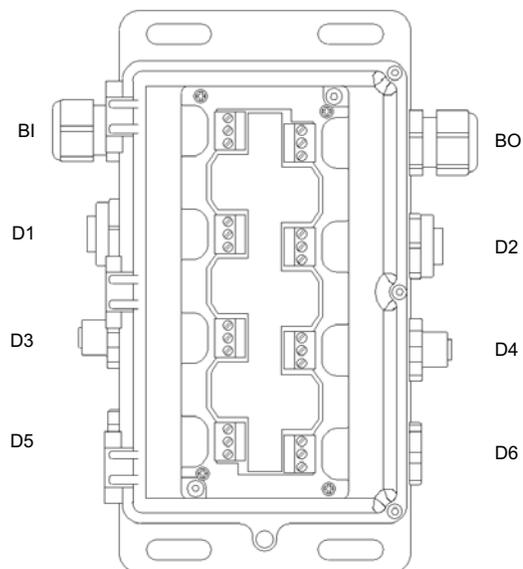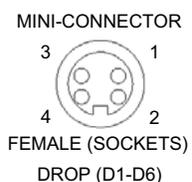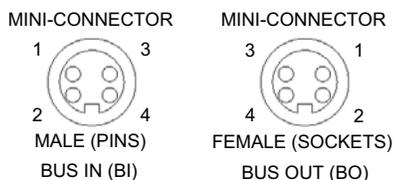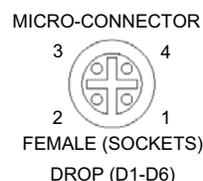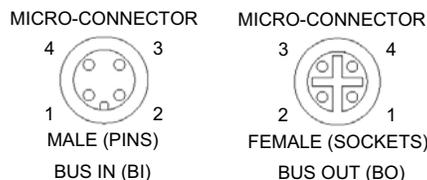
FNP02 Mounting Instructions

Mounting The FieldBlock Enclosure
1. Locate the position where the FieldBlock enclosure will be mounted. Ensure that hinged cover of the unit will have sufficient clearance to be opened.
2. Attach the FieldBlock enclosure to a wall or other stationary flat surface using the mounting holes provided.

Attaching Cables and Connectors
1. Cable glands and connectors are provided for convenient wiring. Ensure all connections are securely tightened.
2. Follow all applicable NEC codes and other regulations.

Installing & Removing Cover
1. To insure NEMA 4, 4X and 6 ratings are maintained the cover **must be** completely closed and the gasket sealed to keep out water.
2. Tighten cover screws to 05-30 inch lbs.