

AS-i



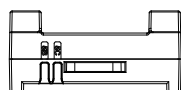
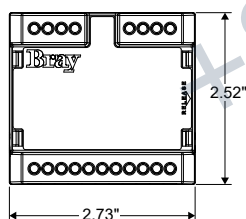
DeviceNet™



Profibus DP



DIMENSIONS



FEATURES

- 3 Industrial Communication Protocols available
- Circuit board and terminals protected by plastic enclosure
- Dual solenoid capable
- Easy configuration

TECHNICAL DATA

General Specifications

Electronics Enclosure Material	PC/ABS Blend
Mounting Bracket Material	Glass-filled Nylon
Wire Gauge	26-16 AWG [0.13-1.31 mm ²]
Torque Limit	3.5 in-lbs [15.6 N]
Temperature Rating	-13 to 149°F [-25 to 65°C]
Installation	Designed for use within Bray VSMs
Switch connections	Only switches approved for use within Bray VSMs should be used with the product.

Electrical Specifications

Input Voltage	24 VDC ± 10%
Power Consumption	16 W Max
Load(s)	24 VDC Solenoids
# of Load Connections	2 Max
Load Switch	Solid-State (NMOS, Open-Drain)
Load Limit	6.9 W per load 13.8 W max

Protocol Features	AS-i	DeviceNet	Profibus DP
Communication status LED	✓	✓	✓
Product status LED	✓	✓	✓
VSM Open/Close LED	✓	✓	✓
Baud Rate LED	—	✓	—
Node Address Display	—	✓	✓
Address Range [‡]	1A-31A 1B-31B	0-63	0-126
Protocol Version	V3.0	Ed. 1.14	DP-V0
Power via BUS connection	✓	✓	—
External Power Supply*	24VDC ± 10% At least 750 mA, if maximum output load (13.8W) is needed		

[‡]Default address for the Protocol Module is bolded. AS-i does not have a default address.

*External power is optional for AS-i and DeviceNet; however, it is recommended if more than 300mA will be drawn from the bus connection.

INTERCONNECT KITS

Protocol	Imperial	Metric
DeviceNet	5B0000-23600536	5B0000-23650536
AS-i	5B0000-23601536	5B0000-23651536
Profibus DP*	5B0000-23602536	5B0000-23652536
	5B0000-23603536	5B0000-23653536

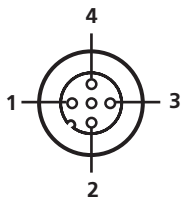
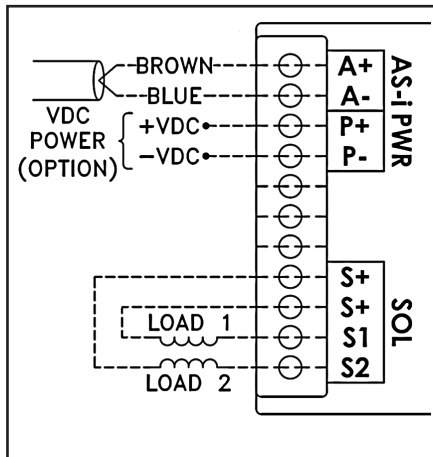
NOTE: 536 at the end of part number represents standard material (Nickel-Plated Brass). For Stainless Steel, use code 534 instead.

All protocol kits have a male receptacle for bus connection.

*Optional kit for Profibus DP contains both a male and a female receptacle.

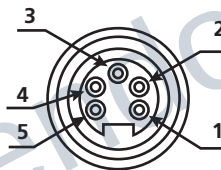
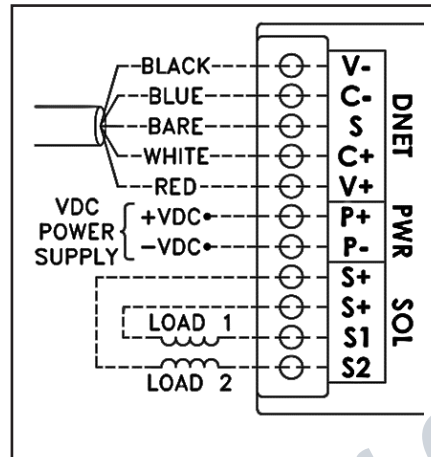
FIELD CONNECTIONS

AS-i



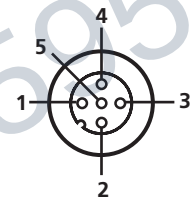
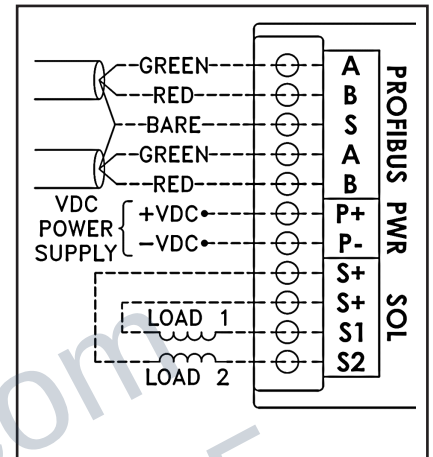
- 1 = BROWN (+ VOLTAGE)
- 2 = N/C
- 3 = BLUE (- VOLTAGE)
- 4 = N/C

DeviceNet



- 1 = GRAY (SHIELD)
- 2 = RED (+VOLTAGE)
- 3 = BLACK (-VOLTAGE)
- 4 = WHITE (CAN_H)
- 5 = BLUE (CAN_L)

Profibus

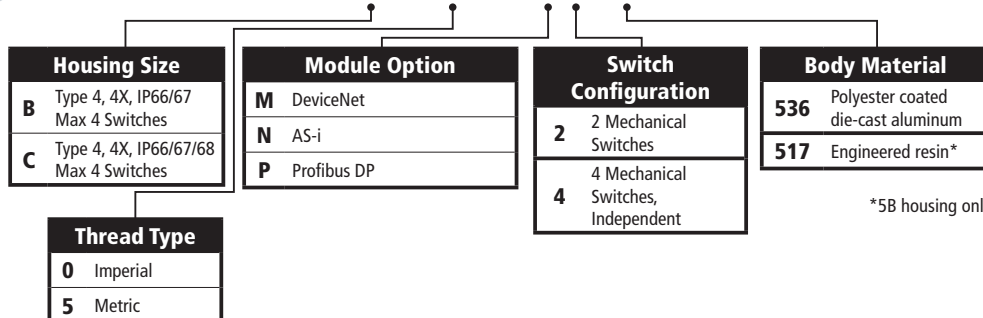


- 1 = N/C
- 2 = GREEN (BUS_A)
- 3 = N/C
- 4 = RED (BUS_B)
- 5 = BARE (SHIELD)

Note: 2 pair cable recommended
(1 pair for signal and 1 pair for power)

PART NUMBERING SYSTEM

5X000X-126X XXX



HEADQUARTERS

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