

# Ocean State Signal Co.

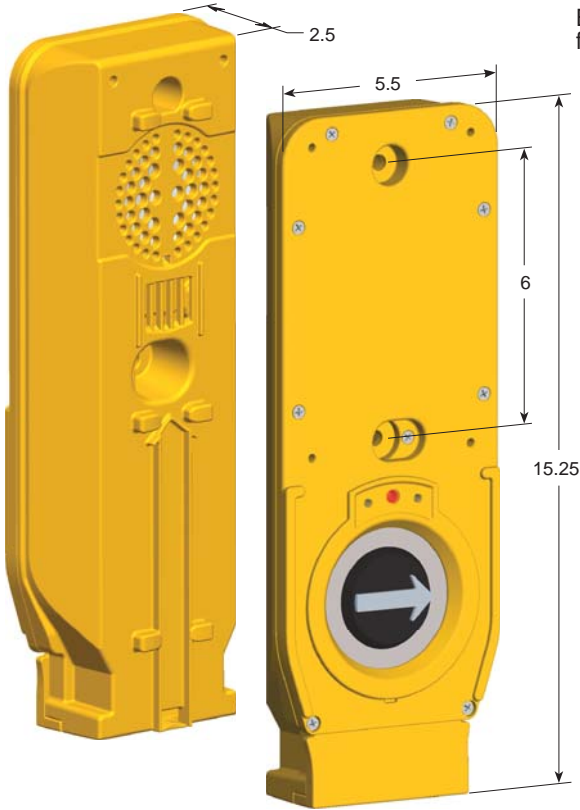
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## SPECIFICATION SHEET

TITLE: EN4 - EZ Communicator Navigator  
4-Wire Push Button Station

PART NO.:  
see below



By interfacing with the PHCU4W that installs in the Ped Head, the EN4 PBS can provide the following standard features:

- Confirmation of button push via latching LED, sound, and tactile bounce.
- Direction of travel (with extended button push)
- Standard locating tone during Don't Walk (and Clearance if desired)
- Cuckoo, Chirp, Rapid Tick, Verbal, or user customized voice messages
- Vibrating button during walk
- Choice of 4 locating tones, custom sound, or verbal countdown during
- All sounds automatically adjust to ambient over 60dB range
- Most sounds have a minimum and maximum volume independently set
- Extended button push can turn on, boost volumes, and/or mute all sounds except those on the activated crosswalk
- Firmware updates provided through USB port
- Independent ambient adjustment setting for the locate tone which allows fine adjustments for low ambient conditions

### Operating Specifications

Parameter	Rating
Operating Temperature Range	-34°C to +74°C (-30°F to +165°F)
Storage Temperature Range	-45°C to +85°C (-50°F to +185°F)
Operating Force	3.0 lbs Maximum
MTBF	3,000,000 hours
Switch Operating Life	Greater than 20 Million Operations
Maximum Volume	100 dB @ 1 meter
Minimum Ambient Sound	37 dBA
Audio Quality	3% THD plus Noise @ 1 kHz

EN4 5 A N 0 - B - BD-ES

#### Additional Available Options

##### Button Options

- NA - No Arrow
- BD - Bi-Directional Arrow

##### Other Options

- WPC - with Pole Cap
- ES - External Speaker Option

##### Body Color

(Base is always black)

- B - Black Front
- G - Green Front
- Y - Yellow Front

##### Audio Message Options

- 0 - Standard Messages
- 1 - Custom Messages

##### Braille

- N - No Braille on Face Plate
- B - Braille on Face Plate

##### Face Plate

###### MUTCD Compliant

- V - 9x12 R10-3
- U - 9x12 R10-3b
- T - 9x15 R10-3e

###### Non-MUTCD Compliant

- A - 5x7 - International
- B - 5x7 - Informational
- C - 9x12 - Countdown
- D - 5x7 or 9x12 - International Sign
- O - (Letter O) - No Sign

##### Size of Face Plate

- 5 - 5" x 7 1/4"
- 9 - 9" x 12"
- 3 - 9" x 15"

##### Navigator Family

EN4 - EZCommunicator Navigator 4 Wire Push Button Station

### Design Compliance

Test Type	Compliance
Functionality	MUTCD 2009 - 4E
Temperature and Humidity	NEMA TS 2
Transient Voltage Protection	NEMA TS 2
Transient Suppression	IEC 61000-4-4, IEC 61000-4-5
Electronic Noise	FCC Title 47, Part 15, Class A
Mechanical Shock and Vibration	NEMA TS 2
EN4 PBS Enclosure	NEMA 250 - Type 4X
Electrical Reliability	NEMA TS 4

#### Notes:

1. Applicable sections only of reference standards.
2. All specifications are subject to change without notice.
3. All specifications are Typical unless otherwise specified.

#### EN4 PBS CABLE

P/N	Length
850-288-12	12 feet
850-288-25	25 feet

A 4 Wire Cable (Belden 8489 or equivalent) must be routed between each EN4 PBS. This cable is not supplied with the EN4 PBS, but is available separately in pre-cut 12 ft. and 25 ft. lengths with the both ends stripped:

Terminal screws on each EN4 PBS include washers (clamping plates) intended for bare wire. Crimp Terminals are not recommended.

For more information, visit our website at [www.oceanstatesignal.com](http://www.oceanstatesignal.com)