

## Description

The **Vigil Emergency Pull Station** is an electronic station designed for use with the Vigil® Nurse Call System. The Vigil EP is splash resistant and is suitable for mounting in all areas including resident rooms, bathrooms, bathing areas, spas, covered patios, dining rooms, common areas and corridors. Features include:

- Six foot nylon pull cord with weighted pendant
- Call placed LED
- Call cancel at place of origin
- Red EMERGENCY slide bar
- Flame retardant ABS plastic faceplate
- Mounts in a single gang electrical box

## Operation

When the red slide switch is pulled down the call placed LED illuminates. The output becomes active and a signal is sent to the central equipment via the Vigil Network. The appropriate call is activated and staff are alerted via silent alphanumeric pagers or text messaging enabled phones. A staff member cancels the call by sliding the red switch up to the off position. When a call is cancelled the LED extinguishes and the call output becomes inactive. **This device should not be operated or installed by untrained personnel. Training will be provided by Vigil Health Solutions Inc.**



Figure 1.0 Physical Appearance

## Mounting Instructions

The Pull Station is mounted flush with the wall in a standard single gang electrical wall box (minimum depth 2"). The stations should be located within easy reach of residents and staff. If the pull station is to be used in a wet area it is recommended that the station be sealed using a silicone caulking where the station meets the wall. The recommended height for pull station mounting is 48 inches to center above finished floor. Exact placement will be determined by the owner.

## Wiring and Connections

The pull station is connected to the Data Interface Module via 4-conductor 24AWG solid copper wire. Both ends of the cable are terminated using RJ 11 4-pin modular plugs. The device end is plugged into the socket on the rear of the pull station. The other end of the cable is plugged into the Data Interface Module into the auxiliary input sockets of a Vigil DIM or in any of the input sockets on a Nurse Call DIM.

## Installation Instructions

**The installation instructions must be closely followed to ensure that the user will achieve optimal use of the system. Vigil Health Solutions Inc. will make available on request electrical diagrams, floor plans and/or descriptions pertaining to the installation.**

1. Terminate both ends of the 4-conductor 24AWG cable according to the drawing, using RJ 11 4-pin modular plugs. The connection between the pull station and Data Interface Module is straight through. *See wiring diagram on next page.*
2. Plug the device end of the cable into the socket on the back of the pull station.
3. Mount the pull station in single gang wall box with standard 6-32 screws (not supplied).
4. Plug the other end of the cable into the appropriate socket of the Data Interface Module. Ensure the cable is labeled with the correct socket number.

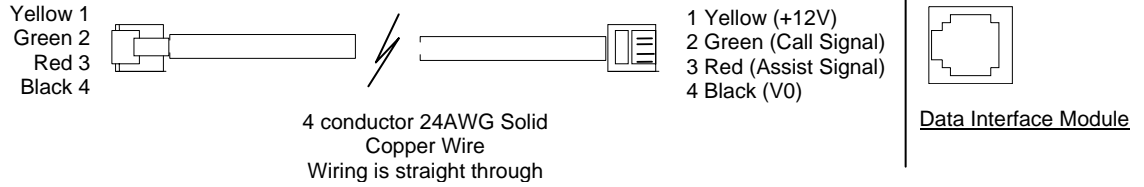


Figure 2.0 Wiring Diagram

Rear View of Pull Station


## Testing Instructions

Test the Pull Station using the Vigil System Test Unit as follows:

1. Connect the Vigil System Test Unit to the Data Interface Module (DIM) connected to the Pull Station you are testing. Ensure the DIM is not connected to the network.
2. Set the TEST MODE switch on the Test Unit to TX (transmit). Set the address switches on the System Test Unit to match the DIM address. See the *Vigil System Test Unit Operator's Manual* for full instructions on using the System Test Unit.
3. Turn the INTERNAL BATTERY switch to the ON position.
4. Slide the red switch down to activate the station. Ensure that the LED on the station illuminates to indicate that the switch has been activated and that the unit is receiving power. The corresponding input LED should also illuminate on the System Test Unit. Slide the red switch back up to reset the station. Ensure that the LED's on the station and the System Test Unit extinguish.

## Specifications

PHYSICAL		ELECTRICAL	
Height	117mm (4 9/16")	Operating Voltage	10-15 Volts DC
Width	76mm wide (3")	Maximum Voltage	15 Volts DC
Depth	13mm in front of panel (2" total)	Standing Current	11mA at 12V DC
	12mm behind panel + 10mm for cable	Call Active Current	21mA maximum
Faceplate	High impact white plastic enclosure		
Mounting	Mount on single gang wall box using supplied screws	Output Transistor	Open collector with 100 ohms series protection resistor
Temperature Ratings		Relative Humidity	
Operating:	-55°C to 125°C (-67°F to 257°F)	Operating:	30% to 75R
Storage/Transport	-55°C to 125°C (-67°F to 257°F)	Storage/ Transport:	10% to 100%, including condensation

CLASSIFICATIONS		CONNECTIONS	
EMC	Conforms to EMC EN60601-1-2.	Connection at Device End	RJ11 4 pin modular plug
CE Classification	Fixed: Continuous Operation	Connection at DIM End	RJ11 4 pin modular plug
	Certified to CAN/CSA Std. C22.2 No.205	Cable	4 conductor 24 AWG Solid Copper
	Conforms to UL Std.1069	Accessories	Six foot nylon string with weighted pendant