



Pendant Stations

(Cat 800F-P_ _ _)



ATTENTION: To prevent electrical shock, disconnect from power source before installing or servicing.

Specifications — All Versions

Description	Specification
Degree of Protection	IP66, NEMA Type 4/4X/13
Operating Ambient Temperature	-25° C to +55° C (-13° F to +131° F)
Storage Ambient Temperature	-40° C to +70° C (85° C Maximum for 24 hours) -40° F to +158° F (185° F Maximum for 24 hours)
Lamp (in illuminated versions)	24V LED
Vibration	10 – 2000 Hz, 1.52mm displacement (peak to peak) max./10G max.
Shock	1/2 cycle sine wave for 11 milliseconds and no damage at 100G
Agency Certification	UL, CSA, and CE compliant for all applicable directives. CE directives include EN 60947-5-1. This product is intended for use in an industrial environment.

Specifications — DeviceNet™ Versions

Description	Specification
24VDC Power Source	11 to 25VDC, Class 2 Power Source Required
Current Draw	50mA RMS, 100mA peak @ 24VDC
Agency Certification	UL, CSA, and CE compliant for all applicable directives. CE directives include EN55011, EN61000-6-2, EN61000-6-4, and EN60947-5-1. This product is intended for use in an industrial. This product is intended for use in an industrial environment.

Strobe and COS	Bit 0	Bit 1	Bit 2	Bit 3	Bit 4	Bit 5	Bit 6	Bit 7
Input Byte	Input	Reserved	Reserved	Output Status	—	—	—	—
Output Byte	Output	—	—	—	—	—	—	—

For More Information on DeviceNet™ version

As part of our effort to preserve, protect, and improve our environment, Allen-Bradley is reducing the amount of paper we use. Less paper means more options for you. In addition to traditional printed publications and more options for you. In addition to traditional printed publications and CD-ROM versions, we now offer on-line manuals with the most up-to-date information you can get. We recommend that you read the up-to-date information you can get. We recommend that you read the related publications listed below before starting up your control system.

Related Publications

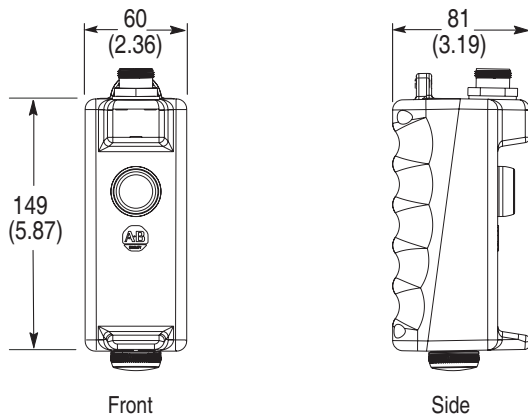
Description	Publication Title	Publication Number
Detailed description on how to install and use your DeviceNet™ Interface.	DeviceNet™ Pendant Station User Manual	800-UM-001A-EN-P
Supporting documentation on 800F Push Buttons.	22 mm Push Button Selection Guide	800F-SG-001-EN-P
Supporting documentation on 800F Push Buttons.	Industrial Controls Catalog	A115
	DeviceNet™ Cable System Planning and Installation Manual	DN-6.7.2
	1756-DNB Scanner Module Configuration	1756-6.5.19

How To Get More Information

For	Obtain Information By
Publications in electronic format	<ul style="list-style-type: none"> • Visiting the Allen-Bradley internet site – http://www.ab.com/manuals/oi/ • Publication is on RSNetWorx CD-ROM • Calling your local Allen-Bradley distributor • Visiting the Automation Bookstore at – http://www.theautomationbookstore.com
Publications in printed format	<ul style="list-style-type: none"> • Visiting the Automation Bookstore at – http://www.theautomationbookstore.com

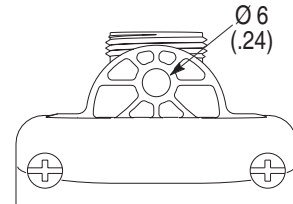
Pendant Station

The figure below shows the dimensions of the Pendant Station. Dimensions in millimeters (inches). Dimensions are not intended to be used for manufacturing purposes.



Recommended Strain Relief Method

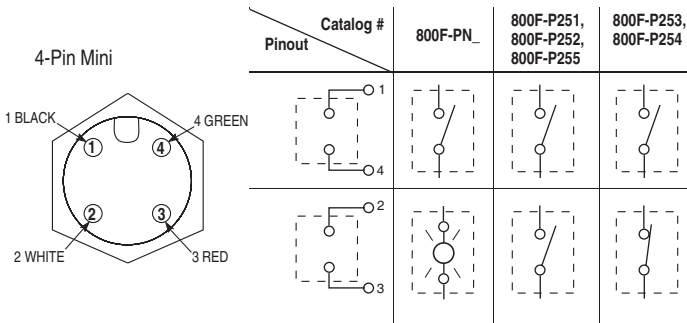
1/8" diameter wire rope/aircraft cable through eyelet of base, crimped into a loop/eye with aluminum duplex sleeve.



IMPORTANT: Cord must be suitable for application

Standard Connection

The Pendant Station is prewired in several configurations. The following chart shows how it is wired by catalog number.



DeviceNet™ Connection

The DeviceNet™ Pendant Station receives all power and communications through the DeviceNet™ Cable. A separate power supply is not required. This is the only external connection to the DeviceNet™ Pendant Station.

The DeviceNet™ Pendant Station connects to the DeviceNet™ Network using a 5 Pin Quick Disconnect Connector.

DeviceNet™ 5-Pin Mini

Sealed Connector	Pin #	Signal	Function	Color
	1	SHIELD	SHIELD	Gray
	2	VDC+	Power Supply	Red
	3	COM	Common	Black
	4	CAN_H	Signal High	White
	5	CAN_L	Signal Low	Blue

800F-P...

1. 800F-P ... WITH HOLE POSITIONS:

- A&B
- B
- X
- B&X

2. 800FP-... OPERATOR (@A)
3. 800FP-... OPERATOR (@B)
4. 800FP-... OPERATOR (@X)
5. 800F-ALP
6. 800F-AR1: 1,7 Nm (15 lb-in)
7. 800F-X...
8. 800F-N...
9. 800F-AGS2: 0,8 Nm (7 lb-in)
10. 800F-18...
11. PIN CONNECTOR (EXAMPLE)

