

vTouch™ Electronic Touch Bar

For Reliable Passenger Actuation

NEW



Diagonal mounting



Vertical mounting

- **Solid-State electronics for enhanced reliability**
- **Eliminates annoying rattles**
- **No moving parts - minimizes maintenance costs**
- **Weather resistant**
- **ADA compliant passenger assist**
- **Low profile design - Maximizes clear opening width**
- **Easily gripped oval bar**
- **Vertical or diagonal mounting**
- **Retrofit units available**



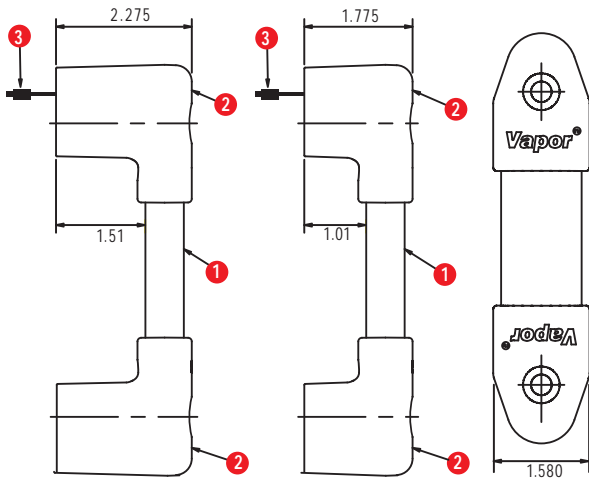
The traditional touch bar is a service-proven passenger actuation device for bus doors, but it's not perfect. The internal switches are subject to wear and environmental damage, resulting in recurring maintenance. The bar must be round and mounted vertically, robbing valuable inches from the clear opening.

The Vapor **vTouch** resolves these issues. Solid-state circuitry eliminates switch failures and permits vertical or diagonal mounting. The low profile reduces intrusion into the door opening, while the universal housings simplify installation and electrical connections.

The **vTouch** is ADA compliant, meets industry strength standards, and satisfies the NHTSA Drop and Drag Test. The bar element is available in powder coated silver gray or high-visibility safety yellow. **vTouch** direct replacements are available for conventional touch bars.

The BEST keeps getting BETTER

vTouch™ Electronic Touch Bar



STANDARD PROFILE

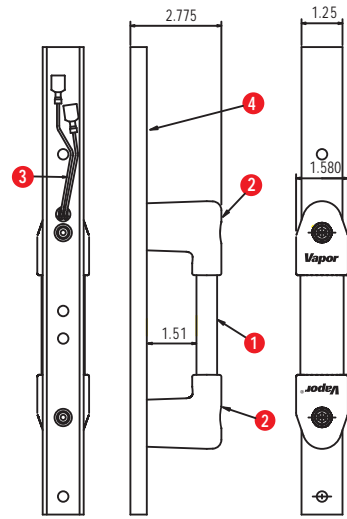
Fasten to door using 5/16"-18" x 2 1/2" socket head cap screws and 5/16" lockwashers.*

LOW PROFILE

For diagonal mounting over glass only. Fasten to door using 5/16"-18" x 2" socket head cap screws and 5/16" lockwashers.*

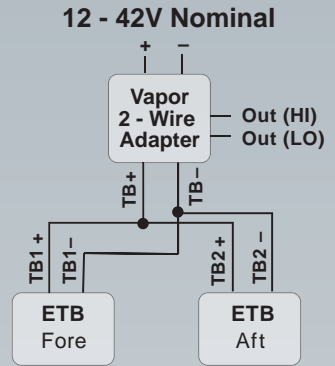
Item No.	Description
1	Aluminum Bar
2	Universal Housing
3	2 - Pin connector

* Grade 5 hardware recommended with assembly torque of 13 ft.-lbs.



RETROFIT

Item No.	Description
1	Aluminum Bar
2	Universal Housing
3	Wire leads with connectors
4	Aluminum mounting channel



Door Activation/Assist Technology - Competitive Comparison

Characteristics	Passenger Assist	Touch Tape	Mechanical Touch Bar	vTouch™ Electronic Touch Bar	CLASS™ Sensing System
Technology	—	Mechanical Switch Contact	Mechanical Switch Contact	Capacitance	Ultrasonic
Design Life/Maintenance Cycle	12 / 12 yrs.	6 / 3 yrs.	8 / 3 yrs.	12 / 12 yrs.	12 / 12 yrs.
Passenger Convenience	Fair	Good	Good	Very Good	Excellent
Operator-Driver Convenience	Fair	Good	Good	Good	Excellent
Reduced Dwell Times	—	—	—	—	Excellent
Object Sensing	—	—	—	—	●
Contact-less Passenger Door Actuation	—	—	—	—	●
Programmable Detection Zone	—	—	—	—	●
Auto Detection Zone (% of Door Area Coverage)	—	—	—	—	65 - 90%
Operating Voltage	N/A	12 - 24 V DC	12 - 24 V DC	12 - 24 V DC	12 - 24 V DC
Retrofittable	●	●	●	●	●

vTouch Bar available as retrofit for conventional touchbars. Contact your Vapor representative for details.



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