

PASSPORT



pelco 
PELCO PRODUCTS, INC.

Passport™ Pedestrian Push Button

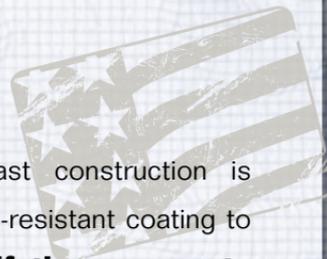
For over 25 years, it has been our quest to exceed the needs of the traffic industry. The Passport lives up to our standards and reputation of providing innovative, time-tested and top quality products. Utilizing the latest in Piezo solid state technology, our patent pending Passport is a state of the art, impact and vandal-resistant pedestrian push button.



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Your Ticket to Improved Traffic Safety

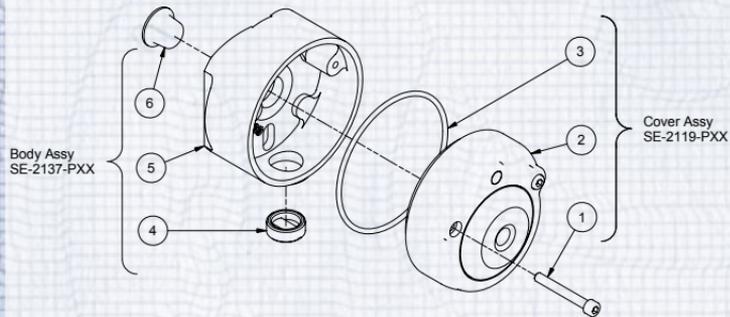
It's high strength die cast construction is pretreated with a corrosion-resistant coating to maximize durability. Our **lifetime warranty** provides assurance that it will withstand the test of time. That's Pelco quality.



Passport™ Pedestrian Push Button



**Lifetime
Warranty**



ITEM	PART NO.	DESCRIPTION	QTY
1	FS-2071-SS	Capscrew, Soc Hd, #10-24 x 1-1/2", Type 304 Stainless	2
2	AK-4000-PXX	Assy Kit, Passport Push Button Cover, Alum	1
3	SE-0215-PNC	O-Ring, #150, 70 Duro Neoprene	1
4	SE-0245-PNC	Plug, Threaded Conduit, 1/2", Diecast	1
5	SE-6099-M1	Body, Round Push Button, Pole Mount, Alum	1
6	SE-0296-PNC	Plug, Tapered #21 Blue	1

OPTIONS

Paint



Passport™

Pedestrian Push Button



Passport Piezo Push Button Assy, Round Pole Mount

Coating
SE-2120 -
PNC= Process No Color
P__= Paint



Round Back



Flat Back

Passport Piezo Push Button Assy

Coating
SE-2154 -
PNC= Process No Color
P__= Paint



Passport Piezo Push Button Cover Assy

Coating
SE-2119 -
PNC= Process No Color
P__= Paint



Adapter Kit, Push Button Cover Assy

SE-2507-PNC

Note: Required for adapting Passport
Cover Assy to some round bodies
and stations

All assemblies are supplied standard with
stainless steel fasteners



Specifications



MATERIAL

The Push Button Body, Push Button Cover, and Stainless Steel Plunger shall be metal castings with the following properties:

Casting	Body	Cover	Plunger
Process	Sand Cast	Die Cast	Investment Cast
Material	319 Alum	380 Alum	CF8 Stainless Steel
Yield Strength	18 ksi	23 ksi	37 ksi
Tensile Strength	27 ksi	23 ksi	77 ksi
Elongation (% in 2")	2	4	55

All castings are to be free of voids, pits, excessive grinding marks and with all design radii that are smooth and intact. Exterior surfaces shall be smooth and cosmetically acceptable, free of molding fins, cracks and exterior blemishes.

DESIGN:

1. Round Push Button Assembly:

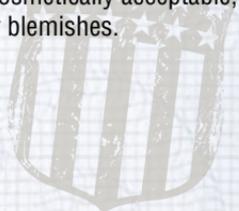
The cover shall attach to the body with two screws and not require an adapter. The body shall mount on round poles, or flat poles with an adapter, and shall have a threaded ($\frac{1}{2}$ " NPT) conduit opening in the bottom. The back of the body shall have a capped hole that can be threaded to $\frac{1}{2}$ " NPT for conduit.

2. Round Push Button Cover Assembly :

The cover assembly shall be built for visual and audio confirmation of pedestrian actuation. When actuated, the visual confirmation shall have an ultra-bright LED flash, with a minimum luminous intensity of 1200 mcd. The audio confirmation, when actuated, shall have two sounds. The higher tone will sound when the plunger is pushed, and a slightly lower tone when the plunger is released.

3. Round Plunger:

Push Button Plunger diameter shall be 2-1/8" diameter and made of corrosion resistant stainless steel. The center of the Plunger is to have a recess for actuation by small, or gloved, hands, canes and umbrellas. The actuation force of the Plunger assembly shall be 3 pounds, or less, and not require any adjustments, including when manufactured. The back of the cover is to be sealed to 68 IP specifications and have a terminal strip for connection of the two wires to the traffic controller cabinet



Specifications

FINISH

The Push Button Cover and Body shall have a matte aluminum conversion type finish to resist corrosion and oxidation. If specified, the body and cover assembly shall be a TGIC powder coating that is baked in an oven after painting. The stainless Plunger is to have a semi-smooth, almost polished, finish that resists scratches and oxidation.

UNIQUE FEATURES

1. Double electrical circuit protection against surges of short and quick voltage spikes and of hard and heavy voltage spikes.
2. "Lifetime Warranty" of cover assembly.

MECHANICAL SPECIFICATIONS

Operating Force: 3lbs or Less

Operating Temperature: -30°F to 165°F

Degree of Protection: 68 IP

FEEDBACK

Visual: Ultra-bright LED flash when actuated (minimum luminous intensity of 1200 mcd)

Audible: Two confirmation tones when actuated; a higher tone for when plunger is pressed and a slightly lower tone once it is released.

With Pelco Products, innovation always comes standard.

Pelco Products, Inc. is a centrally located, Oklahoma based, family-owned business specializing in designing, engineering, manufacturing and distributing poles, brackets and associated products utilizing castings, extrusions, forgings and stampings.

With engineering as the catalyst for growth, Pelco Products is proud of its Engineering Team consisting of 16 engineers and technical staff with over 370 combined years of experience and holders of more than 35 patents.



Founded in 1985 in a 2,500 square foot facility with 6 employees, the company now employs over 250 team members in 315,000 square feet of manufacturing space. The company is dedicated to serving its three primary markets (i.e. traffic, ornamental and utility) globally through Innovation Solutions, Quality Products & Unparalleled Customer Service.

Please contact Pelco Products today for more information by calling 405.340.3434 or email us at sales@pelcoinc.com.





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