

TYPICAL INDICATOR ORDERING EXAMPLE

YB 04 K W01 - 12 - FB

Shapes

| Bushing Mounting |             |
|------------------|-------------|
| 01               | Square      |
| 02               | Round       |
| 03               | Rectangular |
| Snap-in Mounting |             |
| 04               | Square      |
| 05               | Round       |
| 06               | Rectangular |

Panel Seal

|         |                                      |
|---------|--------------------------------------|
| No Code | Without Panel Seal                   |
| W       | With Panel Seal (Bushing Mount only) |

Housing

|   |            |
|---|------------|
| K | Black only |
|---|------------|

Terminals

|     |                                                   |
|-----|---------------------------------------------------|
| W01 | Silver Solder Lug/.110" (2.8mm)<br>Quick Connect* |
|-----|---------------------------------------------------|

Lamps

| Incandescent Lamp |         |
|-------------------|---------|
| 05                | 5-volt  |
| 12                | 12-volt |

| Bright LED |       |          |             |
|------------|-------|----------|-------------|
| LED Colors |       | Resistor |             |
| 5C         | Red   | No Code  | No Resistor |
| 5D         | Amber | 05       | 5-volt      |
|            |       | 12       | 12-volt     |
| 5F         | Green | 24       | 24-volt     |

| Super Bright LED |       |
|------------------|-------|
| 6B               | White |
| 6F               | Green |
| 6G               | Blue  |

| Bicolor LED |           |                 |                      |
|-------------|-----------|-----------------|----------------------|
| LED Colors  |           | Forward Voltage |                      |
| 2CF         | Red/Green | 02              | 2-volt (no resistor) |
|             |           | 05              | 5-volt               |
|             |           | 12              | 12-volt              |
|             |           | 24              | 24-volt              |

Cap Types & Colors

| Solid Cap: Lens/Insert Colors |              |
|-------------------------------|--------------|
| BB                            | White/White  |
| CB                            | Red/White    |
| EB                            | Yellow/White |
| FB                            | Green/White  |
| GB                            | Blue/White   |

| LED Cap: Lens/Insert Colors |             |
|-----------------------------|-------------|
| JB                          | Clear/White |
| JC                          | Clear/Red   |
| JD                          | Clear/Amber |
| JF                          | Clear/Green |

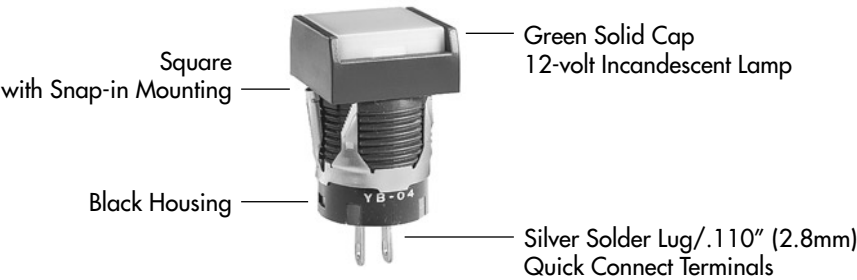
| LED Cap: Lens/Insert Colors |             |
|-----------------------------|-------------|
| JB                          | Clear/White |

| LED Cap: Lens/Insert Colors |             |
|-----------------------------|-------------|
| JB                          | Clear/White |

\* Wire harness & cable assemblies offered only in Americas

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

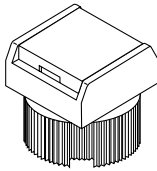
YB04KW01-12-FB



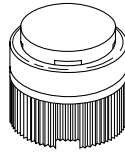
### SHAPES & MOUNTING TYPES

#### Bushing Mounting

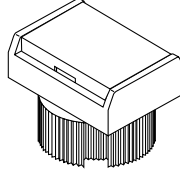
**01** Square



**02** Round

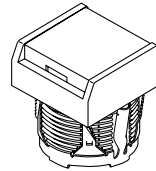


**03** Rectangular

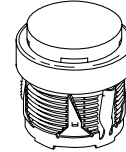


#### Snap-in Mounting

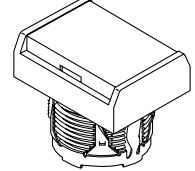
**04** Square



**05** Round



**06** Rectangular



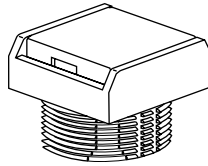
Bezel-barrier is an integral part of the indicator body.

### PANEL SEAL

**No Code**

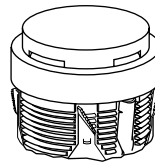
Without Panel Seal

Bushing Mounting



Supplied with mounting nut.

Snap-in Mounting

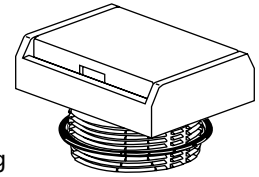


**W**

With Panel Seal

Bushing Mounting only

Supplied with mounting nut and o-ring AT089.



### INCANDESCENT LAMP & SOLID CAP

The electrical specifications shown are determined at a basic temperature of 25°C.  
If the source voltage exceeds the rated voltage, a ballast resistor is required.  
The resistor value can be calculated by using the formula in the Supplement section.

AT611



T-1 Bi-pin

**05**

**12**

|                           |       |               |        |
|---------------------------|-------|---------------|--------|
| Voltage                   | V     | 5V AC         | 12V AC |
| Current                   | I     | 115mA         | 60mA   |
| MSCP                      |       | .150          | .150   |
| Endurance                 | Hours | 7,000 average |        |
| Ambient Temperature Range |       | -25°C ~ +50°C |        |

#### Solid Cap for Incandescent Lamp

Lens/Insert  
Colors Available:

**BB** White/White

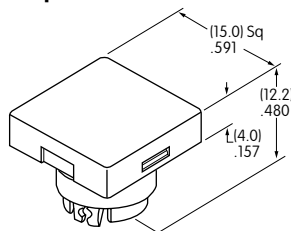
**CB** Red/White

**EB** Yellow/White

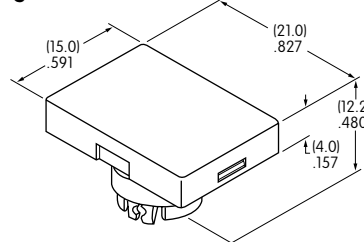
**FB** Green/White

**GB** Blue/White

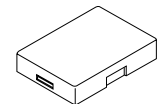
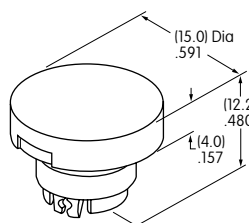
AT3001  
Square



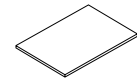
AT3003  
Rectangular



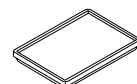
AT3002  
Round



Translucent Colored Lens



Translucent White Insert



Translucent White Seal/Filter



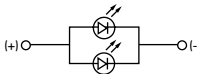
Incandescent Lamp AT611

Materials: Polycarbonate (Lens & Insert)  
Thermoplastic Elastomer (Seal/Filter)  
Finish: Glossy

BRIGHT LEDS & LED CAPS

The electrical specifications shown are determined at a basic temperature of 25°C.  
If the source voltage exceeds the rated voltage, a ballast resistor is required.  
The resistor value can be calculated by using the formula in the Supplement section.

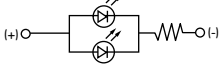
Electrical Specifications for Bright LED without Resistor

|                                                                                                                                                                                                                                             |                                                                                                                                                               |              |           |     |     |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|-----|-----|-------|
| <div>Bright<br/>AT628</div> <div></div> <div></div> <div>T-1 Bi-pin</div> | <div>Colors Available:</div> <div><div>5C</div>Red</div> <div><div>5D</div>Amber</div> <div><div>5F</div>Green</div> <div><div>No Code</div>No Resistor</div> | Unit         |           |     |     |       |
|                                                                                                                                                                                                                                             | Forward Peak Current                                                                                                                                          | $I_{FM}$     | 40        | 40  | 40  | mA    |
|                                                                                                                                                                                                                                             | Continuous Forward Current                                                                                                                                    | $I_F$        | 26        | 26  | 26  | mA    |
|                                                                                                                                                                                                                                             | Forward Voltage                                                                                                                                               | $V_F$        | 1.9       | 2.0 | 2.0 | V     |
|                                                                                                                                                                                                                                             | Reverse Peak Voltage                                                                                                                                          | $V_{RM}$     | 4         | 4   | 4   | V     |
|                                                                                                                                                                                                                                             | Current Reduction Rate Above 25°C                                                                                                                             | $\Delta I_F$ | 0.50      |     |     | mA/°C |
|                                                                                                                                                                                                                                             | Ambient Temperature Range                                                                                                                                     |              | -25 ~ +50 |     |     | °C    |

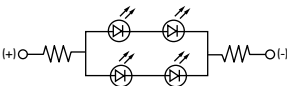
Electrical Specifications for Bright LED with Resistor

|                                                                                                                                                  |                                   |                   |                     |                     |               |               |               |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------|---------------------|---------------------|---------------|---------------|---------------|-------|
| <div>Bright<br/>AT634</div> <div></div> <div>T-1¼ Bi-pin</div> | Colors Available:                 | <div>5C</div> Red | <div>5D</div> Amber | <div>5F</div> Green | <div>05</div> | <div>12</div> | <div>24</div> | Unit  |
|                                                                                                                                                  | Forward Peak Current              | $I_{FM}$          | —                   | —                   | —             | —             | —             | mA    |
|                                                                                                                                                  | Continuous Forward Current        | $I_F$             | 25                  | 20                  | 10            | —             | —             | mA    |
|                                                                                                                                                  | Forward Voltage                   | $V_F$             | 5                   | 12                  | 24            | —             | —             | V     |
|                                                                                                                                                  | Reverse Peak Voltage              | $V_{RM}$          | 4                   | 8                   | 16            | —             | —             | V     |
|                                                                                                                                                  | Current Reduction Rate Above 25°C | $\Delta I_F$      | —                   | —                   | —             | —             | —             | mA/°C |
|                                                                                                                                                  | Ambient Temperature Range         | -25 ~ +50         |                     |                     |               |               |               | °C    |

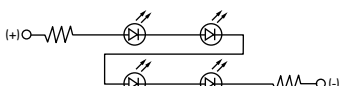
AT634  
5-volt,  
2-element  
with Resistor



AT634  
12-volt,  
4-element  
with Resistor



AT634  
24-volt,  
4-element  
with Resistor

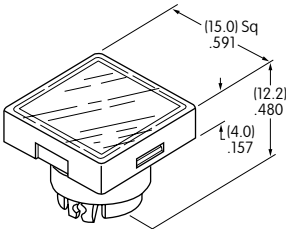


Cap for Bright LED

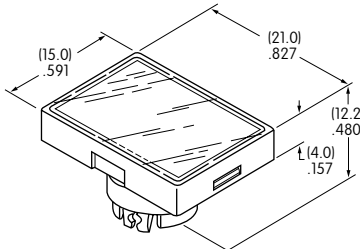
Lens/Insert  
Colors Available:

- JB** Clear/White
- JC** Clear/Red
- JD** Clear/Amber
- JF** Clear/Green

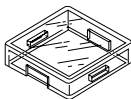
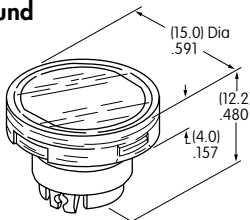
**AT3004**  
Square



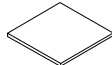
**AT3006**  
Rectangular



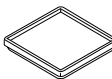
**AT3005**  
Round



Transparent Clear Lens



Translucent Colored Insert



Translucent White Seal/Diffuser

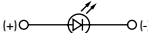


Bright LEDs  
AT628 AT634

Materials: Polycarbonate (Lens & Insert)  
Thermoplastic Elastomer (Seal/Diffuser)  
Finish: Glossy

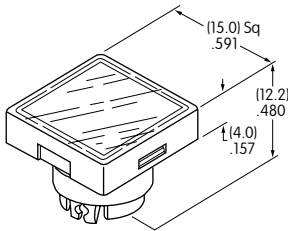
SUPER BRIGHT LEDS & LED CAPS

The electrical specifications shown are determined at a basic temperature of 25°C.  
If the source voltage exceeds the rated voltage, a ballast resistor is required.  
The resistor value can be calculated by using the formula in the Supplement section.

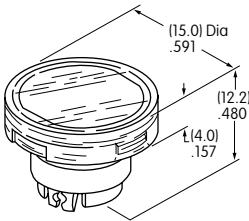
|                                                                                                                                                                                              |                                                                                                                                                                                                              |                                |                                |                               |      |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|-------------------------------|------|-------|
| <div>Super Bright<br/>AT625G Blue<br/>AT631B White<br/>AT632F Green</div> <div></div> <div>T-1 Bi-pin</div> | <div></div> <div></div> <div>Colors:</div> | <div>6B</div> <div>White</div> | <div>6F</div> <div>Green</div> | <div>6G</div> <div>Blue</div> | Unit |       |
|                                                                                                                                                                                              | Forward Peak Current                                                                                                                                                                                         | $I_{FM}$                       | 30                             | 30                            | 30   | mA    |
|                                                                                                                                                                                              | Continuous Forward Current                                                                                                                                                                                   | $I_F$                          | 20                             | 20                            | 20   | mA    |
|                                                                                                                                                                                              | Forward Voltage                                                                                                                                                                                              | $V_F$                          | 3.6                            | 3.5                           | 3.6  | V     |
|                                                                                                                                                                                              | Reverse Peak Voltage                                                                                                                                                                                         | $V_{RM}$                       | 5                              | 5                             | 5    | V     |
|                                                                                                                                                                                              | Current Reduction Rate Above 25°C                                                                                                                                                                            | $\Delta I_F$                   | 0.50                           |                               |      | mA/°C |
|                                                                                                                                                                                              | Ambient Temperature Range                                                                                                                                                                                    |                                | -25 ~ +50                      |                               |      | °C    |

Cap for Super Bright LED

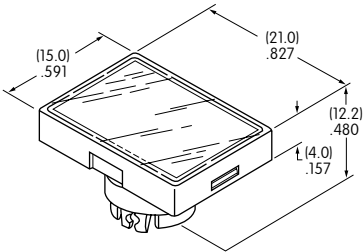
AT3014  
Square



AT3015  
Round



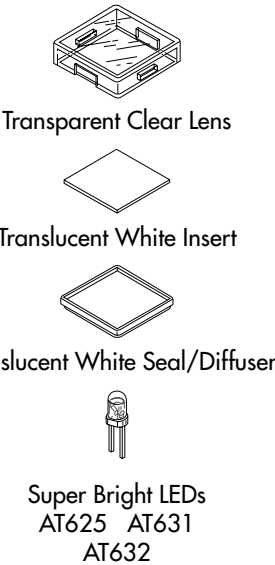
AT3016  
Rectangular



Lens/Insert  
Colors Available:

JB

 Clear/White

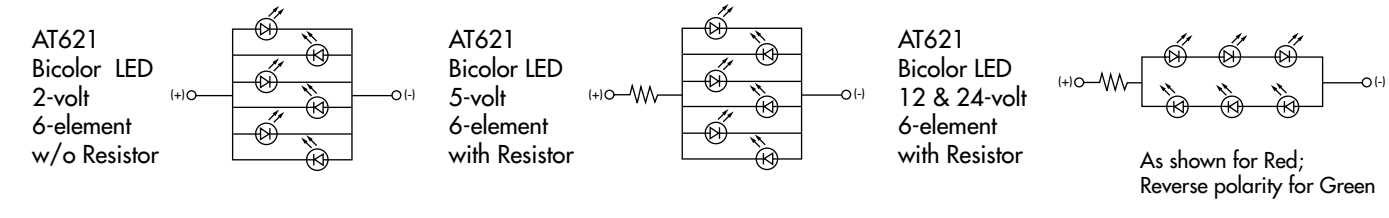


Materials: Polycarbonate (Lens & Insert)  
Thermoplastic Elastomer (Seal/Diffuser)

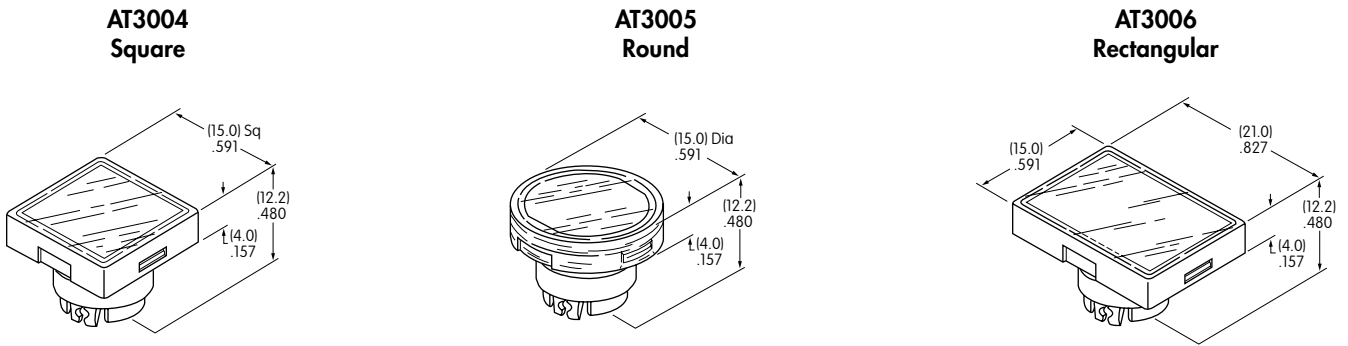
BICOLOR LED & LED CAPS

The electrical specifications shown are determined at a basic temperature of 25°C.  
If the source voltage exceeds the rated voltage, a ballast resistor is required.  
The resistor value can be calculated by using the formula in the Supplement section.

|                                                                                                                                                                          |                                                |           |      |      |      |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------|------|------|------|-------|
| <div>Bicolor AT621</div> <div>2CF Red/Green</div> <div></div> <div>T-1 1/2 Bi-pin</div> | Bicolor LED is translucent white in OFF state. | 02        | 05   | 12   | 24   | Unit  |
|                                                                                                                                                                          | Forward Peak Current $I_{FM}$                  | 60        | 60   | 20   | 12   | mA    |
|                                                                                                                                                                          | Continuous Forward Current $I_F$               | 45        | 45   | 15   | 10   | mA    |
|                                                                                                                                                                          | Forward Voltage $V_F$                          | 2.1       | 5    | 12   | 24   | V     |
|                                                                                                                                                                          | Current Reduction Rate Above 25°C $\Delta I_F$ | 0.80      | ---- | ---- | ---- | mA/°C |
|                                                                                                                                                                          | Ambient Temperature Range                      | -25 ~ +50 |      |      |      | °C    |

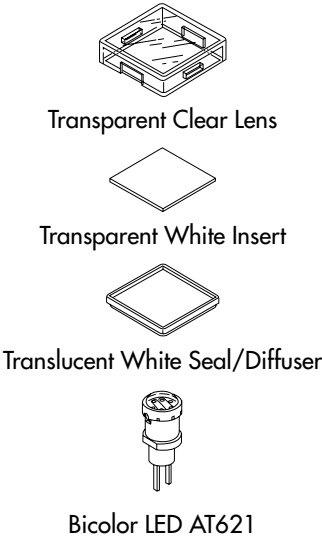


LED Caps



Lens/Insert  
Colors Available:

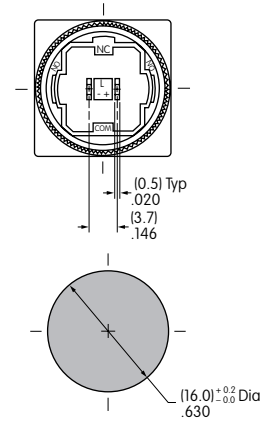
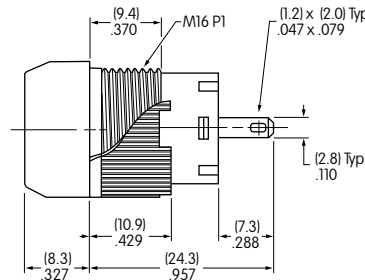
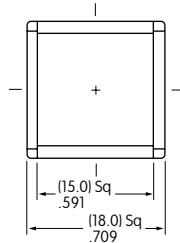
JB Clear/White



Materials: Polycarbonate (Lens & Insert)  
Thermoplastic Elastomer (Seal/Diffuser)

### TYPICAL INDICATOR DIMENSIONS

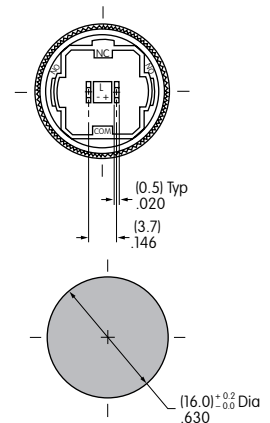
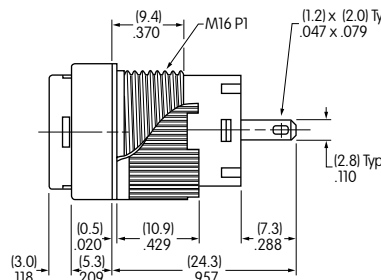
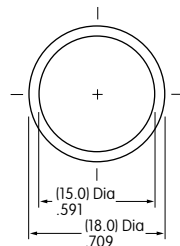
#### Square • Bushing Mounting



**YB01KW01-12-CB**

Panel Thickness  
.020" ~ .197" (0.5mm ~ 5.0mm)

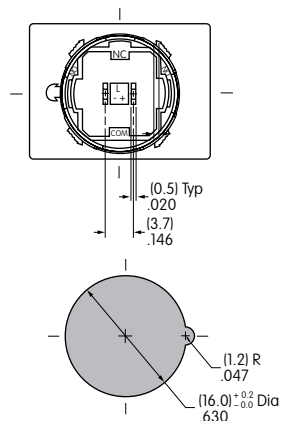
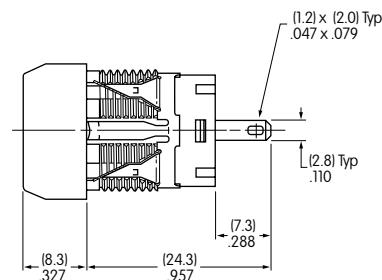
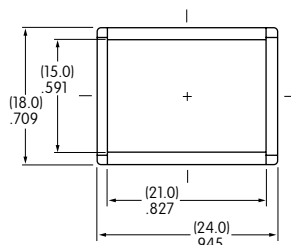
#### Round • Panel Seal



**YB02WKW01-12-CB**

Panel Thickness  
.020" ~ .197" (0.5mm ~ 5.0mm)

#### Rectangular • Snap-in Mounting



**YB06KW01-12-CB**

Panel Thickness  
.039" ~ .138" (1.0mm ~ 3.5mm)



**Стандарт  
Электрон  
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

**Наши контакты:**

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

**Адрес:** 198099, Санкт-Петербург,  
Промышленная ул, дом № 19, литера Н,  
помещение 100-Н Офис 331