Dialight

Important notes about Classic Panel Mount Indicator Catalog Pages

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This catalog page is out-of-print and is used with the understanding that the information shown could be out-of-date. In many cases, part numbers shown on this page are discontinued. Most notably, many "Complete Assembly" parts, which consist of a cap and a base, can no longer be ordered by the 14-digit ordering code. To obtain these parts, please order the cap and base part numbers separately. This process provides the components contained with the original "Complete Assembly" part number.

All Dialight Classic Panel Mount Indicators need a leading 3-digit numerical series. In some cases, this catalog will show a 2-digit series. In this case, please add a leading zero. For example, 81-0211-300 becomes **0**81-0211-300.

Part numbers listed on Dialight catalog pages designate parts with Red lenses. For ordering lens colors other than red, consult the chart below. In most cases, the color is dictated by the 7th digit. For example, 095-093**2**-003 for a green cap.

Lens Colors	
1 - Red	5 - White
2 - Green	6 - Light Yellow
3 - Yellow	7 - Clear
4 - Blue	

Click here for a cross reference guide to assembly part numbers.

Click here to view Frequently Asked Questions concerning Panel Mount Indicators.

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PRESS-TO-TEST INDICATORS

MEET OR EXCEED REQUIREMENTS OF
MIL—L—7961B and MIL—L—3661
QPL APPROVAL: The products indicated have received
Department of Defense certification and are listed as QPL approved.

PROVIDE POSITIVE SAFETY FACTORS

Positive safety factors are provided by patented built-in Press-To-Test indicators. Lamps can be checked instantly without removing them from their assembly.

A slight pressure on the lens holder of the assembly breaks the normal circuit and makes a test circuit, informing the operator as follows:
1. If the lamp LIGHTS when pressed in, it is proven satisfactory.
2. If the lamp FAILS TO LIGHT when pressed in, it is defective and must be replaced from the front of the panel.

Release of finger pressure restores the lens holder to operating position.
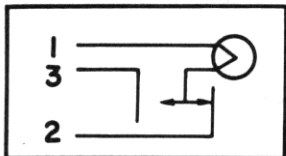
Press-To-Switch (4 terminal assemblies) are available with all indicators in this catalog. They are useful for remote control applications, as they permit closing the circuit to any local or remote device.

Typical Press-To-Test (3 terminal) and Press-To-Switch (4 terminal) circuit drawings are illustrated below.
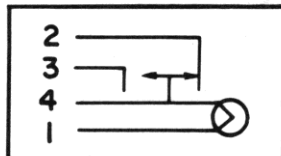
Sub-Miniature, Miniature and **Large** Press-To-Test Indicators are available for mounting in 15/32", 5/8" and 1" clearance holes respectively. Only typical incandescent assemblies are listed in this catalog. Data on other Press-To-Test assemblies will be furnished on request.

Hot-stamped or engraved legends can be supplied on flat lenses only. Additional information will be furnished on request.

PATENTED SHUTTER DIMMING ACTION

Shutters open Maximum full direct light beam	**Shutters adjusted** Adjustable direct light beam	**Shutters closed** Minimum indirect "halo" light

The patented shutter-dimming device is available on most Press-To-Test indicators. By turning the knurled cap, the individual operator can regulate the brilliancy of the light from the indicator to suit his needs under varying light conditions.

Standard dimmer action is clockwise. Assemblies with counter-clockwise dimming action are available on special order.

LENS COLORS

1—Red	5—White translucent
2—Green	6—Light yellow
3—Yellow (amber)	7—Clear colorless
4—Blue	

The digit before the last dash in the part number designates the lens color. When color other than RED is desired, change this digit to a figure noted above. Example: 812-1030-0972-506 (green)

Typical
3 Terminal
Press-To-Test
Circuit

Typical
4 Terminal
Press-To-Switch
Circuit

Sub-Miniature Incandescent PRESS-TO-TEST Indicators

T-1¾ bulb
with midget
flange base.

**See lamp ratings
on page J.**

**812 SERIES
813 SERIES**

For back of panel mounting in 15/32" clearance hole
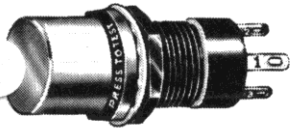Meet or exceed requirements of MIL—L—7961B and MIL—L—3661

MATERIALS AND FINISHES

- **Mounting Bushing:** Aluminum, black anodize finish.
- **Mounting and Flange Nuts:** Aluminum, black anodize finish.
- **Internal-tooth Lockwasher:** Phosphor bronze, white nickel finish.
- **Terminals:** Brass, hot tinned with elongated slot.

"Press-To-Test" marking is die-stamped and filled on the flange
nut of 3 terminal units only. No marking is furnished on the
hex flange nut for 4 terminal indicators.

812-1030-0971-506

813-1030-1471-506

	3 Terminal Press-To-Test Assemblies	4 Terminal Press-To-Switch Assemblies
	3/32 "PRESS TO TEST" FLANGE NUT 1/16 PANEL (REF) .018 ±.005 X 19/32 ±.020 O.D. INTERNAL TOOTH LOCKWASHER 3/32 X 9/16 ACROSS FLATS HEX NUT 15/32–32 NS THD. MOUNTING BUSHING 3/64 X 5/64 SLOTS 9/16 11/16 7/8 MAX PROJECTION BACK OF PANEL max. panel thickness 5/16"	3/32 X 9/16 ACROSS FLATS HEX NUT 1/16 PANEL (REF) .018 ±.005 X 19/32 ±.020 O.D. INTERNAL TOOTH LOCKWASHER 3/32 X 9/16 ACROSS FLATS HEX'NUT 15/32–32 NS THD. MOUNTING BUSHING 3/64 X 5/64 SLOTS 7/8 MAX PROJECTION BACK OF PANEL max. panel thickness 5/16"
BASE PART NUMBER ➡	812-1030-09-506	808-1130-03-504

CAP PART NUMBERS	COMPLETE ASSEMBLY PART NUMBERS	
STOVEPIPE		
23/32 MAX. 9/32 11/64 1/2 5/16–32 NEF THD. **812-0971** translucent	812-1030-0971-506	812-1130-0971-504
812-0931 transparent	812-1030-0931-506	812-1130-0931-504
CYLINDRICAL		
23/32 MAX. 9/32 11/64 1/2 5/16–32 NEF –2 THD. **813-1471** translucent	813-1030-1471-506	813-1130-1471-504
813-1431 transparent	813-1030-1431-506	813-1130-1431-504

Order complete with lamp to be assured of receiving the
indicator light and correct lamp together for immediate use.

Part numbers listed in this catalog designate products with Red lens.
For ordering lens colors other than red, consult chart on page 2F.

AMEYA360
Components Supply Platform

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