

# Catalogue No: **D7P-P0-PN3W**

## PILOT LIGHT 22.5mm PLASTIC 24V AC/DC AMBER

Operator Control Devices > Pushbuttons and Control Switches > Pushbuttons and Pilot Lights > Sprecher + Schuh D7  
Pushbuttons and Pilot Lights > D7 Pilot Lights > D7 Pilot Lights Complete



Representative Photo Only  
(actual product may vary based on configuration selections)

### Pilot Light plastic LED Amber 24V AC/DC

- D7 pilot devices offer maximum flexibility and a wide choice for all 22.5mm operator applications with all type (e-stops, selector switches, pushbuttons, pilot lights and more), colour and contact configurations.
- Aesthetically appealing and modularly designed to make assembly and interchangeability easy.
- Operators exhibit low profile and stylish appearance while maintaining the rugged performance necessary for demanding environments
- D7P is a plastic operator with a captive black plastic front bezel. Constructed of high-grade thermoplastics, the D7P is suitable for almost all environments and strong chemical resistance.
- D7M has a die-cast zinc housing and mounting ring for rugged durability. Finished with corrosion resistant chrome plating, the D7M also features a captive shiny metal bezel for a polished appearance.

#### SPECIFICATIONS

|  |   |
|--|---|
| Component Type Pushbutton and Pilot Lights   | Pilot Light   |
| Diameter, lens                               | 29.6 mm   |
| Colour, Lens                                 | Amber colour  |
| Material, Lens                               | POM / Acetal / Polyacetal / Polyformaldehyde (Polyoxymethylene) |
| Material, Bezel                              | Glass-Filled Nylon / PA6 / PA66 (Polyamide 6)                   |
| Material, Body / Housing                     | Polycarbonate & PBT Blend material                              |
| Coupling Plate Included                      | Yes Y / N   |
| Terminal Type                                | Screw Terminal(s)   |
| Material, Terminal                           | Brass   |
| Tightening Torque, Nominal                   | 1.7 Nm  |
| Lamp Module Included                         | Yes   |
| Un, Nominal Operational Voltage, AC          | 24 V AC   |
| U <sub>bmin</sub> , Service Voltage, AC, Min | 10 V AC   |
| U <sub>bmax</sub> , Service Voltage, AC, Max | 29 V AC   |
| Un, Nominal Operational Voltage, DC          | 24 V DC   |
| U <sub>bmin</sub> , Service Voltage, DC, Min | 20 V DC   |
| U <sub>bmax</sub> , Service Voltage, DC, Max | 132 V DC  |
| Rated Frequency                              | 50 / 60 Hz  |
| Lamp Type                                    | LED type  |
| Lamp Holder                                  | Integrated Lamp Module  |
| Colour, Lamp                                 | White colour  |
| Luminous Intensity                           | 360 mcd   |
| Lamp Power, Max                              | 1 W max   |
| Mounting                                     | 22.5mm Mounting   |
| Compatible Product Series                    | D7 22.5mm Control & Indication compatible                       |
| In, Rated Current                            | 0.031 A   |
| Dielectric Strength                          | 2.5kV for 1 minute  |
| Electrical Service Life at Un, In            | 500000 cycles   |

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|  |  |
|--|--|
| RoHS Approved                              | Yes  |
| CE Marked                                  | Yes  |
| Operating Temperature, Max                 | 70 °C max  |
| Operating Temperature, Min                 | -25 °C min   |
| Storage Temperature, Max                   | 85 °C max  |
| Storage Temperature, Min                   | -25 °C min   |
| Relative humidity, min                     | 50 %RH   |
| Relative Humidity, Max                     | 95 %RH   |
| IP Rating                                  | IP66<br>IP65   |
| Shock Acceleration (Max.)                  | 100 g  |
| Shock Duration (Max.)                      | 11 ms  |
| Vibration Acceleration (Max.)              | 10 m/s <sup>2</sup>  |
| Vibration Displacement (Peak to Peak Max.) | 1.52 mm  |
| Vibration Frequency, Operational (Max.)    | 2000 Hz  |
| Vibration Duration (Max.)                  | 180 min  |
| Standards Compliance                       | NEMA ICS-5<br>UL 508<br>EN 60947-1<br>EN 60947-5-1<br>EN 60947-5-5<br>EN 418                         |
| Certifications                             | UL<br>UR<br>CSA<br>CCC<br>CE   |
| Shipping Approvals                         | RINA (Registro Italiano Navale)<br>ABS (American Bureau of Shipping)<br>Lloyd's Register of Shipping |

### REFERENCES

|   |  |
|---|--|
| IECEX Certificate                           | -  |
| Supplier Declaration of Conformity:         | -  |
| Installation Guide:                         | -  |
| User Manual:                                | -  |
| Manufacturer Datasheet:                     | <a href="#">Series D7_Manufacturer Datasheet</a> |
| Manufacturer Catalogue & Product Selection: | -  |