

Catalogue No: **D7P-P4PN3R**

PILOT LIGHT 22.5mm PLASTIC LED 24V AC/DC RED

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 Red LED 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 operators provide strong chemical resistance making them suitable for use in different environments
- 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

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| Component Type Pushbutton and Pilot Lights | Pilot Light |
| Diameter, lens | 29.6 mm |
| Colour, Lens | Red 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 _{bmin} , Service Voltage, AC, Min | 10 V AC |
| U _{bmax} , Service Voltage, AC, Max | 29 V AC |
| Un, Nominal Operational Voltage, DC | 24 V DC |
| U _{bmin} , Service Voltage, DC, Min | 20 V DC |
| U _{bmax} , Service Voltage, DC, Max | 132 V DC |
| Rated Frequency | 50 / 60 Hz |
| Lamp Type | LED type |
| Lamp Holder | Integrated Lamp Module |
| Colour, Lamp | Red (629nm) colour |
| Luminous Intensity | 890 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 V AC |
| 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 | IP65 IP66 IP69K |
| Shock Acceleration (Max.) | 100 g |
| Shock Duration (Max.) | 11 ms |
| Vibration Acceleration (Max.) | 10 m/s ² |
| 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 UL 508 EN 60947-1 EN 60947-5-1 EN 60947-5-5 EN 418 |
| Certifications | UL UR CSA CCC CE |
| Shipping Approvals | RINA (Registro Italiano Navale) ABS (American Bureau of Shipping) Lloyd's Register of Shipping |

REFERENCES

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|---|--|
| IECEX Certificate | - |
| Supplier Declaration of Conformity: | - |
| Installation Guide: | - |
| User Manual: | - |
| Manufacturer Datasheet: | Series D7_Manufacturer Datasheet |
| Manufacturer Catalogue & Product Selection: | - |