

# Catalogue No: **D7P-P6PN3W**

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

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 White 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 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	Blue 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	412 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 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 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

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