



**W. Schmid AG**

LED-Technology  
the visible difference

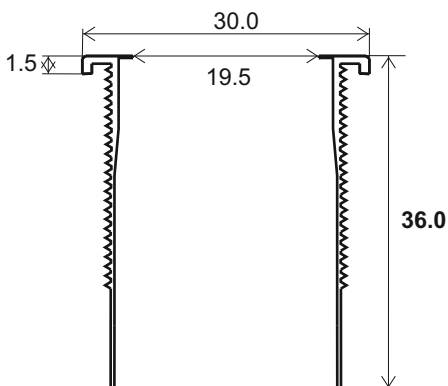
## Capacitive LED push-button/switch CS/CST30



Push-button/switch CS30 with integrated electronics, 5 - 24 VDC

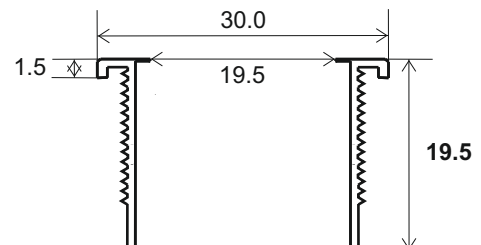


Push-button/switch CST30 without electronics, waterproof execution



(with integrated electronics)

Fixing nut M25x1 / AF 27mm  
O-Ring 1,6mm



(without electronics)

- Ø of hole in panel: 25.5mm
- Ø of transparent ill. surface (made of polycarbonate): 19.5mm
- hard anodized aluminum housing, natural aluminum colour or black anodized
- gas- and watertight (transparent version)
- vandal proof
- shock- and vibration resistant
- long service life (>50'000 hours)
- variants from 5 VDC up to 24 VDC available
- touch-free push-button/ switch, virtually wear-free
- available with integrated electronics (relais 60W, max. 2A/250 VAC)
- available with faston-, cable- or screwed terminals
- lettering on ill. surface possible, more than 300 symbols and characters available
- for applications in the chemical and machine industry, for railway vehicles, in the mining industry or for access control systems etc.

## Technical specifications

Color	Wave length
red	650 nm
yellow	590 nm
green	570 nm
orange	640 nm
blue	470 nm
white	X = 0.31 / Y = 0.31

### Current consumption, voltage (without electronics)

push-button/switch: 20mA (2 - 5.5 VDC), LED (per color): 20mA (2 - 2.5VDC)

### Operating and storage temperature

-20 °C up to +70°C

## Standard execution

### Series

CS = capacitive push-button (CST = transparent lens)

### Diameter

30 = 30mm

### Function

M = push-button (momentary)

L = switch (latching)

### Electronics

X = without electronics

E = with integrated electronics (relais)

### Terminals

F = faston terminals 2,8 x0,8mm

C = cable connection, cable length: 1,2m  
(version without electronics: ribbon cable 0.15-0.2m)

### Color code (annular illumination) - CST only!

1 = red	6 = blue
2 = yellow	7 = white
3 = green	X = without
4 = orange	

### Characters/symbols

XX = acc. to separate list

### Color code (symbol/character)

1 = red	6 = blue
2 = yellow	7 = white
3 = green	8 = red-green
4 = orange	136 = red-green-blue

### Service voltages

D = VDC 5-115 VDC

### Housing

A = aluminum hard anodized, colorless (standard)

B = aluminium hard anodized, black

N = aluminium nickel plated

C = aluminium chrome plated

### Fixing nut

P = plastic fixing nut

M = metal fixing nut, nickel plated brass

### Example

CS30LECK3/13624DBP

Capacitive switch CS30, diameter 30 mm, switching function, with integrated electronics, cable connection, length: 1200mm, symbol no. K3, with RGB illumination (common anode), 24 VDC, black anodized aluminum housing, plastic fixing nut M25x1, O-Ring NBR 70



### upon request

- different voltages
- common anode/cathode
- different terminals
- flashing LED
- different colors for the housing
- lettering on ill. surface

## Manufacturer

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# Cap-Symbols

[illegible]