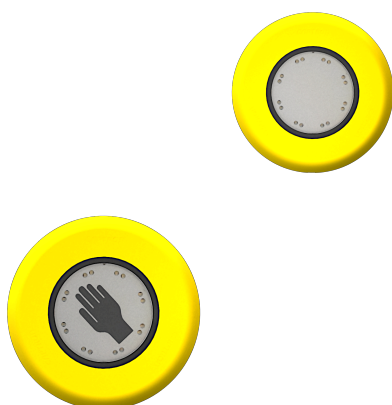


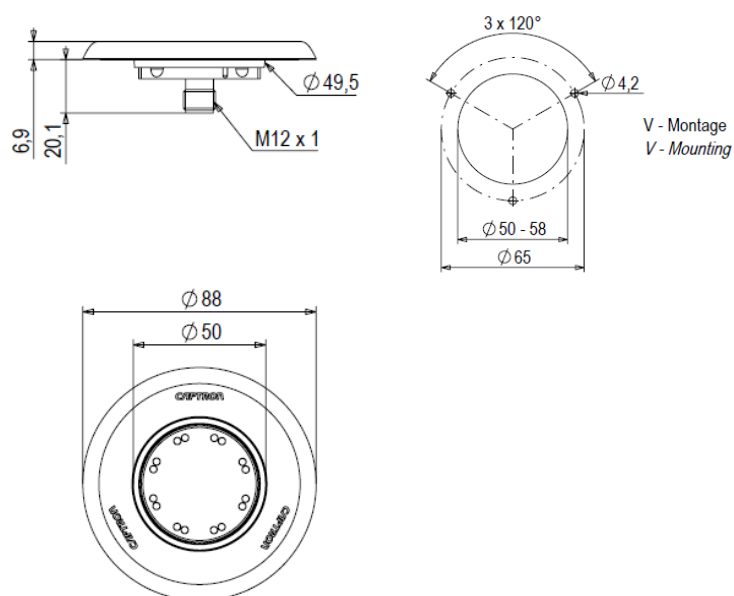
## Sensor switch

## SL31

## Product image



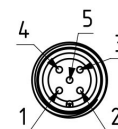
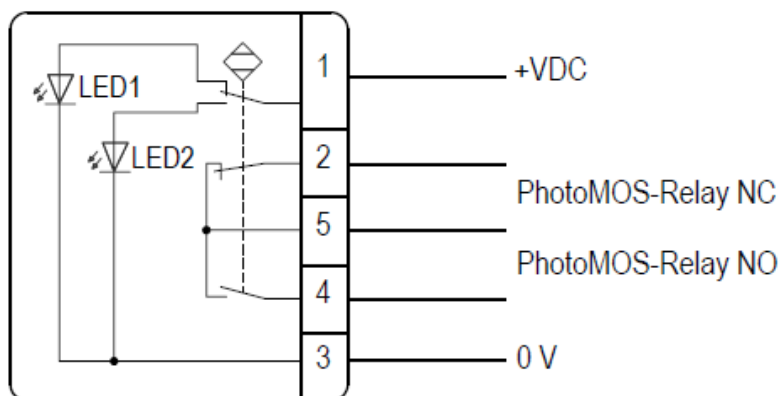
## Dimensional drawing SL31 Drilling pattern



## Connection plan

## M12 plug, 5-pin

## SL30/SL31 M12 5-Pol



## Sensor switch

## SL31

Operating voltage	--- 24 VDC (16.8...32 V)
Output	Potential-free PhotoMos changer (SPDT: NO/NC)
Power dissipation	≤300 mW at switch contact
Load current	≤300 mA per switch contact
Switching voltage	≤60V AC/DC
Switching frequency	≤2 Hz
Switching behavior	Static, continual switching when actuated
On state resistance (on state)	< 2.5 Ω
Connection	M12, 5pin
Reverse polarity protection	Yes
Short circuit protection	No
Power consumption at 24 V	≤25 mA
Operating temperature	-20 °C (-4 °F) ... +60 °C (140 °F)
Degree of protection IP	Front face IP69K, plug IP65 with fixed cable
Maximum altitude	2000 m above NN
Relative air humidity	95 %, non-condensing
Display LED 1	8 green LEDs
Display LED 2	8 red LEDs
Type of actuation	Capacitive
Actuation force	No actuation force required
Switch-off delay	Max. 100 ms
Switch-on delay	Max. 50 ms
MTBF	380 years
DC	0 %

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