SD5ST Smart Dot 50 Standard Touch

- Ambient adaptive touch sensor with visual input feedback
- High brightness, vivid color output, and energy efficiency
- Excellent and flexible multicolor signaling (6 colors)
- 2 animations: steady, high intensity beat
- Smart Diagnostics, Active Inrush Current Control, Active Thermal Control
- Nominal voltage 10-30 V DC

TECHNICAL DATA

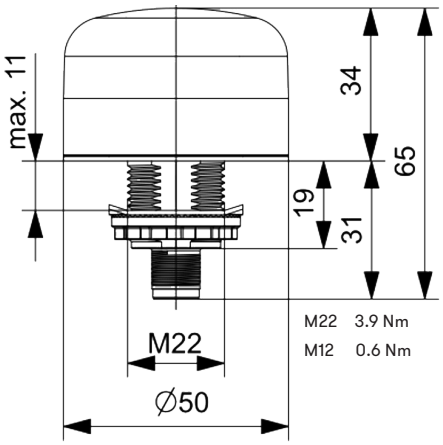
Housing	UV-stabilized Polycarbonate (black, white) or stainless steel (AISI 303)
Kalotte	UV-stabilized Polycarbonate, opal white
Type of mounting	M22 mounting with 5-pin plug M12 connector
Nominal power (24V)	1,32 W
Inrush current	max. 0,5 A
Leakage current resistance	1 mA
Power up time	13 ms
Beacon type	Touch button
Light source	LED
Duty cycle	0 ... 100 %
Touch input readiness	40 ms
Output response time (touch)	110 ms
Touch output	momentary

Output current	150 mA max.
Max. impulse current incl. output	max. 450 mA
Service life	50.000 h
Operating temperature	-40 °C / +70 °C
Degree of protection	IP66 / IP67 / IP69 / IP69K / IP6K9K & UL Type 4/4X
Impact resistance	IK08
Shock viration resistance	- IEC 60068-2-6 (Vibration: 10 Hz to 55 Hz, 1.0 mm amplitude, 5 minutes sweep, 30 minutes dwell) - IEC 60068-2-27 (Shock: 30G 11 ms duration, half sine wave) - MIL-STD-202F, Method 201A (Vibration: 10 Hz to 60 Hz maximum, 0.06 inch (1.52 mm) double amplitude, 10G maximum acceleration) - IEC 60947-5-2 (Shock: 30G 11 ms duration, half sine wave)
Weight	48 g black / white, 98 g stainless steel

IP66 IP67 IP69 IP69K IP6K9K IK08 +70 °C -40 °C CE cULus

SD5ST

DIMENSION DRAWING



ORDER DATA SMART DOT 50 TOUCH

Type	Part Number	Feature Line	Colors	Housing Color
SD5BT3	SD50T-GYR	Basic	Green/Yellow/Red	Black
SD5BT3	SD50T-GRB	Basic	Green/Red/Blue	Black
SD5BT3	SD50T-GRW	Basic	Green/Red/White	Black
SD5BT3	SD50T-GYB	Basic	Green/Yellow/Blue	Black
SD5BT3	SD50T-GYW	Basic	Green/Yellow/White	Black
SD5BT3	SD50T-GBW	Basic	Green/Blue/White	Black
SD5BT2	SD50T-GR	Basic	Green/Red	Black
SD5BT2	SD50T-GY	Basic	Green/Yellow	Black
SD5BT2	SD50T-GW	Basic	Green/White	Black
SD5ST	SD50T-MC7	Standard	Green/Yellow/Red/White/Cyan/Magenta	Black
SD5ST	SD50T-MC7-W	Standard	Green/Yellow/Red/White/Cyan/Magenta	White
SD5ST	SD50T-MC7-S	Standard	Green/Yellow/Red/White/Cyan/Magenta	Stainless Steel

SA5B SA5BF SA5QM SA5MR CM12 SA5MV SA5T ADM30

ACCESSORIES

Type	Order number	Type of accessory
SA5B	SA50B90	M22 bracket 90° stainless steel
SA5BF	SA50BF	M22 bracket flat stainless steel
SA5QM	SA50-QM100	M22 quick foot mount 100 mm
SA5QM	SA50-QM250	M22 quick foot mount 250 mm
SA5QM	SA50-QM400	M22 quick foot mount 400 mm
SA5MR	SA50-MR100	M22 retrofit foot mount 100 mm
CM12	CM12-5-A-05	Sensorcable, 5 pin, free cable end, on socket straight M12, coding: A, cable length: 0,5 m
CM12	CM12-5-A-1	Sensorcable, 5 pin, free cable end, on socket straight M12, coding: A, cable length: 1,0 m
CM12	CM12-5-A-2	Sensorcable, 5 pin, free cable end, on socket straight M12, coding: A, cable length: 2,0 m
SA5MV	SA50-MV100	Wall mount 100 mm
SA5T	SA50-TLP	Mounting tulip
ADM30	812500900	Adapter for M30.5 for 30.5 mm holes