

SD5BT Smart Dot 50 Basic Touch

- Ambient adaptive touch sensor with visual input feedback
- High brightness, vivid color output, and energy efficiency
- Excellent and flexible tricolor-signaling
- 3 animations: steady, color-alternation, high intensity beat
- Active Inrush Current Control, Active Thermal Control
- Nominal voltage 18-30 V DC



TECHNICAL DATA

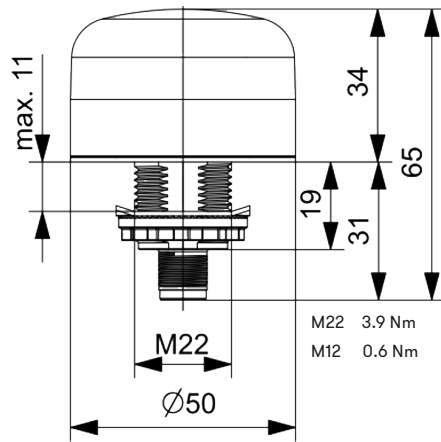
Housing	Polycarbonate, UV stabilized, black
Kalotte	Polycarbonate, UV stabilized, opal white
Type of mounting	M22 mounting with 5-pin plug M12 connector
Nominal power (24V)	1,1 W
Inrush current	max. 0,5 A
Leakage current resistance	1 mA
Power up time	10 ms
Beacon type	Touch button
Light source	LED
Duty cycle	0 ... 100 %
Touch input readiness	40 ms
Output response time (touch)	100 ms
Touch output	momentary
Output current	150 mA

Max. impulse current inkl. output	max. 335 mA
Service life	60.000 h
Operating temperature	-40 °C / +70 °C
Degree of protection	IP66 / IP67 / IP69 / IP69K / IP6K9K & UL Type 4/4X
Impact resistance	IK08
Shock vibration 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	49 g



SD5BT

DIMENSION DRAWING



ORDER DATA SMART DOT 50 TOUCH

Type	Part Number	Feature Line	Colors	Housing Color
SD5BT	SD50T-GYR	Basic	Green/Yellow/Red	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



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	Sensor cable, 5 pin, free cable end, on socket straight M12, coding: A, cable length: 0,5 m
CM12	CM12-5-A-1	Sensor cable, 5 pin, free cable end, on socket straight M12, coding: A, cable length: 1,0 m
CM12	CM12-5-A-2	Sensor cable, 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