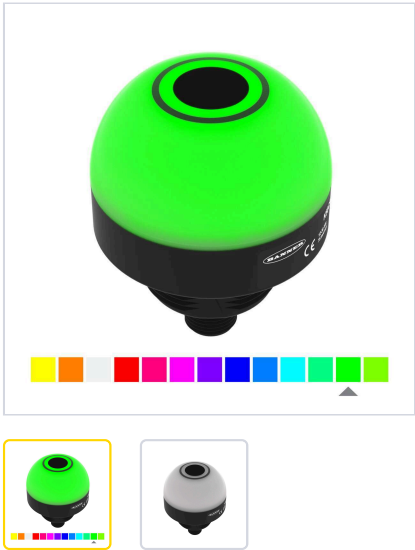# K50PSAF1000RGB14Q

▸ **K50 PROGRAMMABLE TOUCHLESS BUTTONS**

K50 Pro: 14-color RGB Adjustable-Field Sensor

10-30 V dc; Polycarbonate; IP66, IP67, IP69K

Input: Bimodal; Colors: Multicolor

8-pin M12 Integral QD

Part Number: 816244

CERTIFICATIONS

CE

SPECIFICATIONS

Power	DC
IP Rating	IP66, IP67, IP69K
Display	No
Supply Voltage	10-30 V dc
Housing Style	Base Mount - Dome Window
Primary Housing Material	Polycarbonate
Indication	Yes
Actuation	Yes
Activation Function	Optical
Mounting Thread	M30 x 1.5
Color Input Control	Multiple (One or more wires/color, enables more colors than input wires)
Number of Colors	14
Product Size (mm)	50
Vibration Feedback	No
Color Technology	RGB Configurable
Color Option 1	RGB
Animation Option 1	Programmable
Connection	Integral QD

Quick Disconnect Type	M12
Max Current Color (mA)	220
Dimming Option	Programmable
Pick-to-Light Function	Programmable
Number of Input Pins/Conductors	8
Operation	Programmable
Output Type	Bipolar (NPN & PNP)
Input Type	Bimodal (PNP/NPN)
I/O Block Compatible	Yes
Max Input Response Time (ms)	250
Physical Dimensions (LxWxH or DxH mm)	50.0 x 66.0
Max Op. Relative Humidity Non-Condensing (%)	90% @ 50°C
High Temperature (up to 100° C)	50
Min Op. Temperature (°C)	-40
Storage Temp (°C)	-40 to 70
Primary Housing Color	Black
Button Operation	Programmable
Primary Window Material	Polycarbonate Diffused
Feature: Washdown Rated	Yes
Feature: Encapsulated	No
Feature: Audible	No
Multi-Color Device	Simultaneous Colors On
Feature: Quick Disconnect	Yes
Pro-Editor Compatible (Discrete)	Yes

COMPATIBLE PRODUCTS

BRACKETS

SMB30A

Bracket: Right-Angle Mounting
Material: 12 Gauge Stainless Steel
Curved mounting slot for versatility/orientation
Clearance for M6 (1/4 in) hardware

SMB30FA

SMB30FA Bracket: Swivel with Tilt and Pan Movement 30 mm Mounting Hole 3/8-16x2in Bolt Thread Mount

SMB30FVK

SMB30FVK Bracket: V-Clamp Flat with Fasteners for Mounting Sensor with 30 mm Threads to Pipe or Extrusions 32.6 mm (1.28 in)

SMB30MM

Bracket: 30 mm
Material: 12 Gauge Stainless Steel
Curved mounting slot for versatility/orientation
Clearance for M6 (1/4 in) hardware

SMB30RAVK

Bracket: V-Clamp Mount
30 mm hole to 28 mm tube
Right-angle

SMB30SC

Bracket: Compact 30 mm Swivel
Black reinforced thermoplastic polyester
Wide Range of Articulation
Hardware included

SMBAMS30P

Bracket: 30 mm flat bracket
Material: 12 Gauge Cold-Rolled Steel
Curved mounting slot for versatility/orientation

SMBAMS30RA

Bracket: 30 mm Right-Angle
Material: 12 Gauge cold rolled steel
Curved mounting slot for versatility/orientation

PRO CONVERTER CABLE

PRO-KIT-ACC

DK-Pro Series Accessory Kit Includes
Converter Cable, Splitter
Power Supply, WAGO Wire Nuts
and M12 Double-Ended 8-pin to 5-pin Cordset

LENS SHIELD COVERS

TC-K50-CL

Accessory: K50 Touch Clear Field Cover
Prevents unwanted activation of TOUCH button
Material: Polycarbonate

MISCELLANEOUS

ACC-PRO-CABLE5

Accessory: MQDMC-501 (1)
WAGO WIRE NUT 2-POS LEVER (5)

DOUBLE-ENDED CORDSETS

MQDC-506-USB

Converter Cable USB to Banner 1-WIRE
5-pin M12
For Banner Pro Series
0.7 m USB Cable; 1 m M12 Cable

MQDC-801-5M-PRO

Cordset: Double-Ended M12
8-pin Straight Female; 5-pin Straight Male
0.3 m 4x22 Black PVC Jacket
Nickel-Plated Brass Coupling Nuts

SINGLE-ENDED CORDSETS

MQDC-WDSS-0830

Cordset: Single-Ended M12
8-pin Straight Female
9 m 8x24 Black PVC Jacket
PVC Black; 316 Stainless Steel Coupling Nut

MQDC2S-806

Cordset: Single-Ended M12
8-pin Straight Female
2.04 m 8x24 Shielded Black PVC Jacket
Nickel-Plated Brass Coupling Nut

MQDC2S-815

Cordset: Single-Ended M12
8-pin Straight Female
5.04 m 8x24 Shielded Black PVC Jacket
Nickel-Plated Brass Coupling Nut

MQDC2S-830

Cordset: Single-Ended M12
8-pin Straight Female
10.04 m 8x24 Shielded Black PVC Jacket
Nickel-Plated Brass Coupling Nut

SPLITTERS

CSB-M1251FM1251M

Splitter M12F to M12M and M12M connectors
5-pin, Non-Shielded, IP68, AWG 22
Black PVC Cord, Straight Connectors
Trunk: 0.3 m; Branches: 0.3 m

OUTLET PLUG POWER SUPPLIES

PSW-24-1

DC Power Supply - Wall Mount
Input: 100-240 V ac 50/60 Hz: Multi-blade outlet plug
Output: 24 V dc 1 A; 2 m (6.5 ft) 5-pin M12 QD
UL Listed Class 2