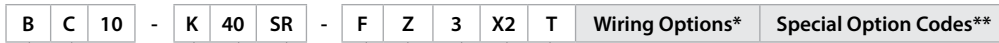


# Capacitive Sensor Part Number Key



**Mounting**

- B = embeddable
- N = nonembeddable

**Principle of Operation**

- C = capacitive
- CC = capacitive (low dielectric targets)
- CF = capacitive (noise immune)
- CT = capacitive teach

**Rated Operating Distance (mm)**

**Housing Style**

**Barrel - Metal**

- M = partial threading, chrome plated brass

**Barrel - Plastic**

- K = smooth
- KT = PVDF, smooth
- P = full threading
- PT = PVDF, full threading
- S = partial threading

**Rectangular**

- Q = metal or plastic, various rectangular styles
- QF = plastic, Polypropylene rectangular style

**Housing Diameter or Height (mm)**

**NOTE:**

Part Number Keys are to assist in identification only.  
 Verify new part numbers with factory;  
 Some configurations are not possible.

**Teach Button**

**Number of LEDs**

- (blank) = no LEDs
- X = 1 LED
- X2 = 2 LEDs

**Voltage Range**

**AC/DC: (No SCP\*\*)**

- 3 = 20-250 VAC

**DC:**

- 4 = 10-65 VAC, polarity protected, pulsed SCP\*\*
- 6 = 10-30 VAC, polarity protected, pulsed SCP

**DC:**

- 4 = 10-65 VDC, polarity protected, pulsed SCP\*\*
- 6 = 10-30 VDC, polarity protected, pulsed SCP

\*\*SCP = short-circuit and overload protection

**Output**

- N = NPN transistor (current sinking)
- P = PNP transistor (current sourcing)
- Z = 2-wire AC or 2-wire AC/DC

**Output Function**

- A = normally open (N.O.)
- F = connection programmable (N.O. or N.C.)
- R = normally closed (N.C.)
- V = complementary outputs: one N.O., one N.C.
- Y0 = NAMUR output, requires switching amplifier
- Y1 = NAMUR output, requires switching amplifier/ATEX approved

**Secondary Housing Modifier**

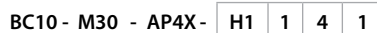
- SR = straight terminal chamber

We reserve the right to make technical alterations without prior notice.

Capacitive Sensors

**Wiring Options\***

**A. Connectorized Sensor**



**Connector Family**

- B1 = Minifast®, Metal, Male
- B2 = Minifast, Plastic, Male
- B3 = Microfast®, Metal, Male
- H1 = Eurofast®, Metal or Plastic, Male
- V1 = Picofast®, Metal, Male

**Connector/Sensor Transition**

- 1 = straight

**Wiring Configuration**

**Example:**

- 1 = Standard
- 3 = N.C. DC Output on Pin 4 (for US)

**Number of Pins**

**B. Potted Cable**



**Cable Length**

- Blank = 2 Meter cable
- 7M = 7 Meter cable

**Special Option Codes\*\***



**Option Code**

**Example:**

- /S250 = No Potentiometer
- /S400 = Rear LEDs (for Q14 and Q20 only)

