

## Adjustment Guide

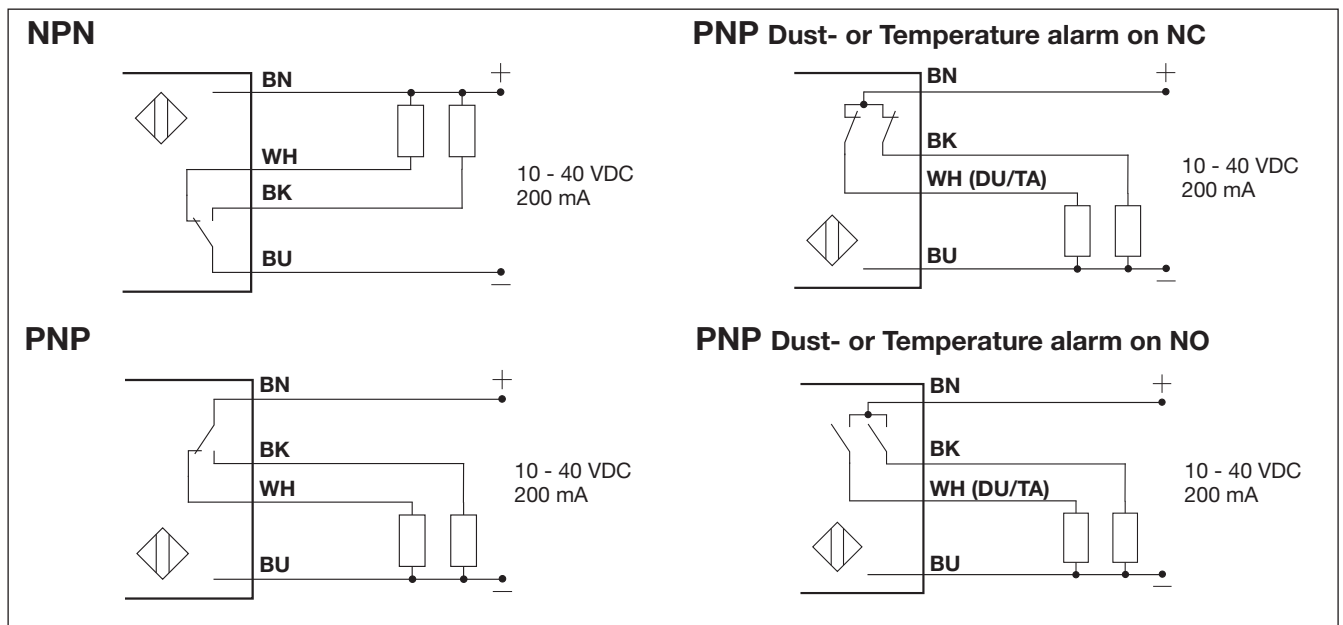
The environments in which capacitive sensors are installed can often be unstable as regards temperature, humidity, object distance and industrial (noise) interference. This is why Carlo Gavazzi offers, as a stand-

ard feature in all TRIPLESHIELD™ capacitive sensors, a user-friendly sensitivity adjustment instead of a fixed sensing range. Likewise, these sensors provide an extended sensing range to accommodate mechanically

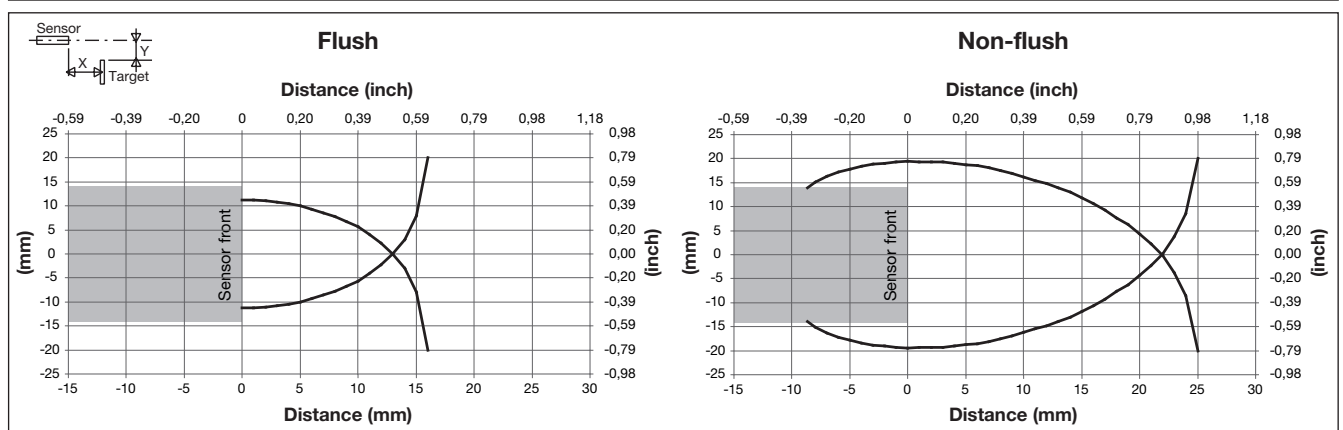
demanding areas and temperature stability to ensure high immunity to electromagnetic interference (EMI) and a minimum need for adjusting sensitivity if the temperature varies.

**Note:**  
The sensors are factory set (default) to nominal sensing range  $S_n$ .

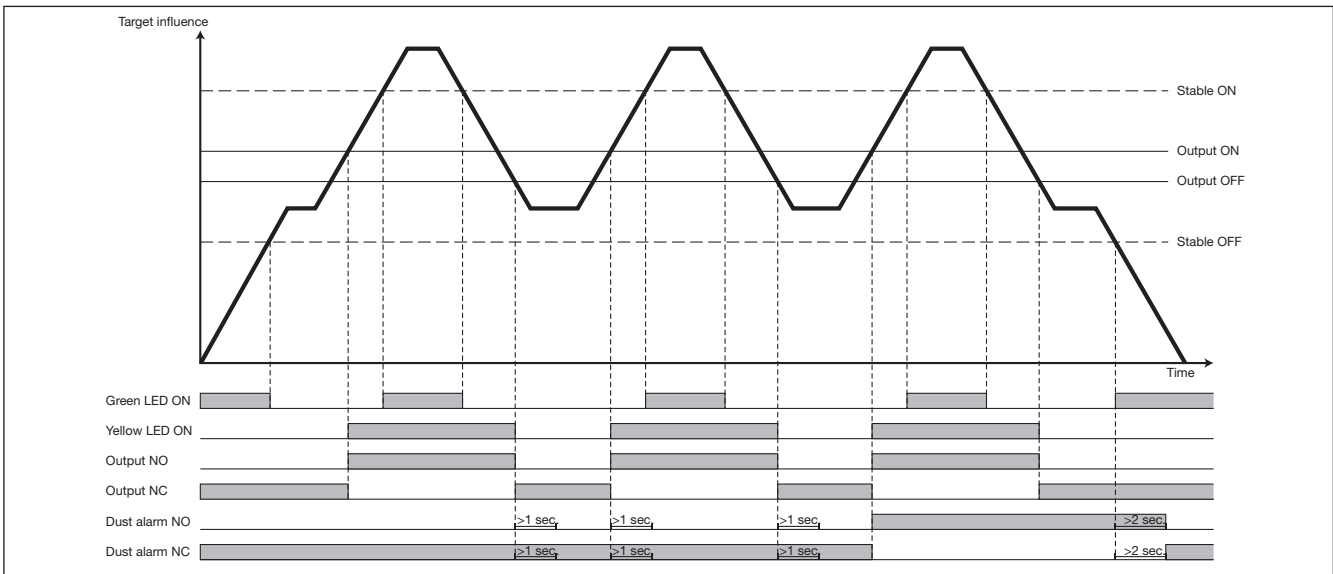
## Wiring Diagram



## Detection Diagram

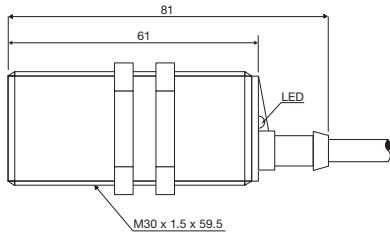


## Detection Stability Indication

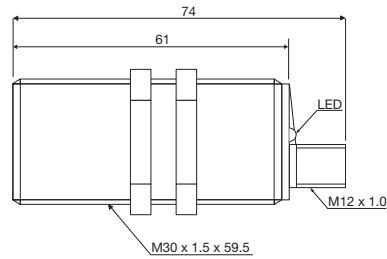


## Dimensions

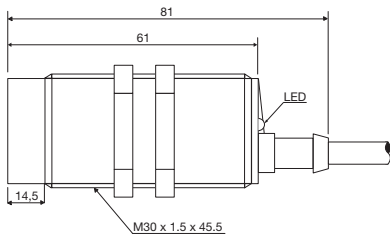
CA30CAF....



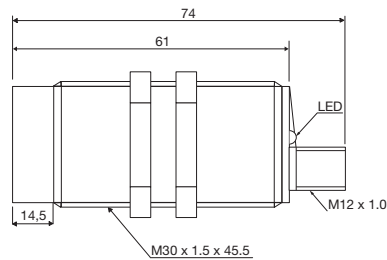
CA30CAF....M1



CA30CAN....



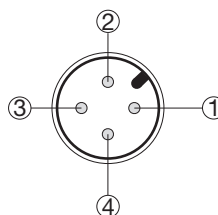
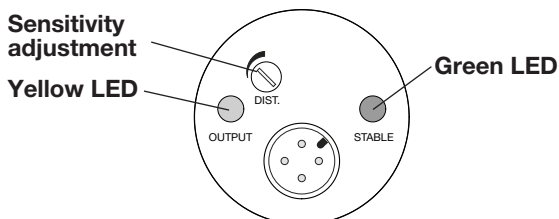
CA30CAN....M1



Cable

Plug

Back of sensor



Colour code

- 1 Brown
- 2 White
- 3 Blue
- 4 Black