

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 TRIPLES-IELD™ capacitive sensors, a user-friendly sensitivity adjustment instead of a fixed sensing range. Likewise, these sensors provide an extended sensing range to accommodate mechanically

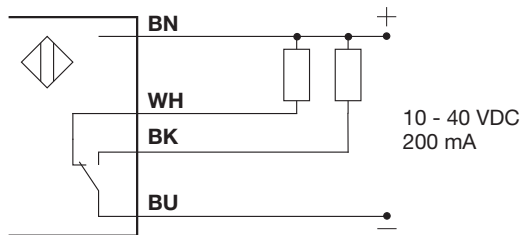
demanding areas and temperature stability to ensure high immunity to electromagnetic interference (EMI) and a minimum need for adjusting sensitivity if the temperature varies.

Note:

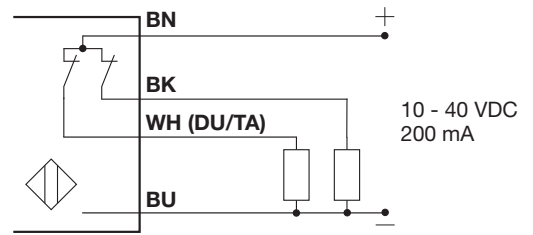
The sensors are factory set (default) to nominal sensing range S_n .

Wiring Diagram

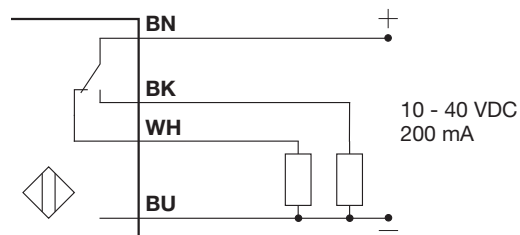
NPN



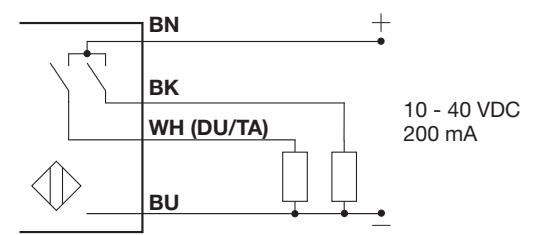
PNP Dust- or Temperature alarm on NC



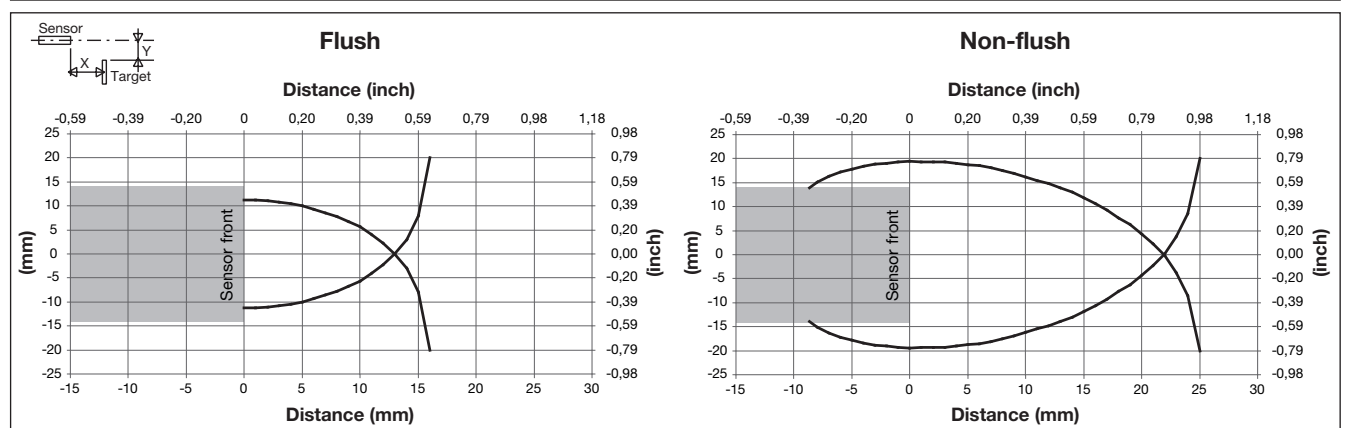
PNP



PNP Dust- or Temperature alarm on NO

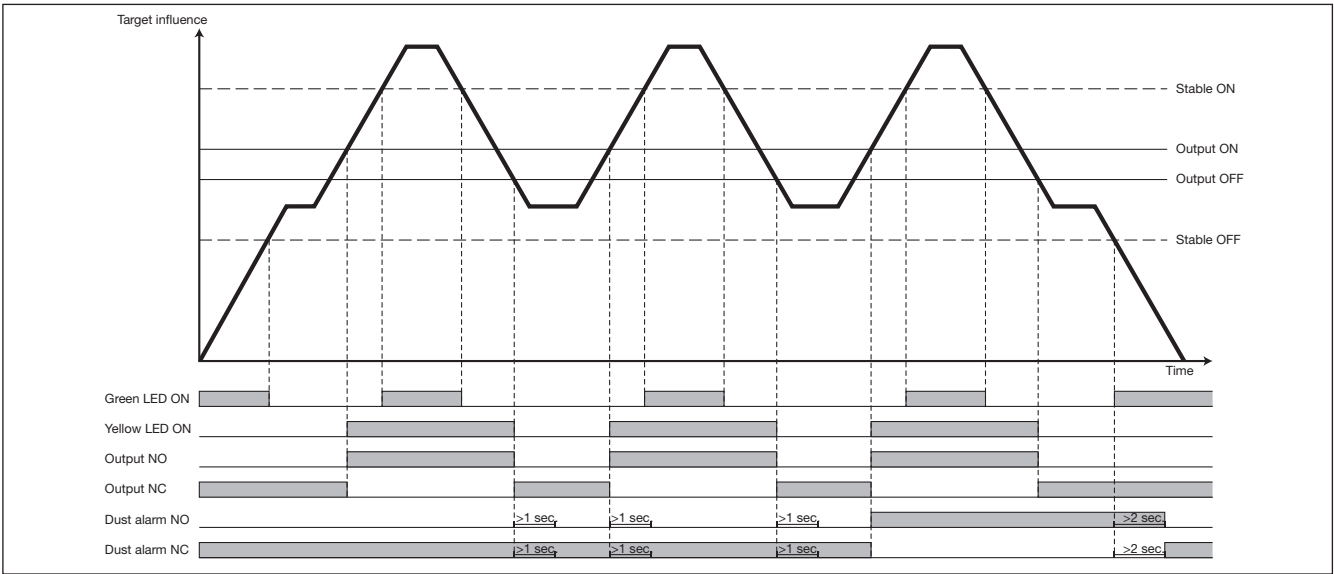


Detection Diagram





Detection Stability Indication



Dimensions

