

DESCRIZIONE

I sensori capacitivi possono rilevare quasi ogni genere di materiale, sia solido che liquido, metallico o non metallico.

I principali settori applicativi sono:

- Industria plastica: resine, granuli, estrusi
- Industria chimica: detergenti, fertilizzanti, saponi liquidi, prodotti petrolchimici e corrosivi
- Industria del legno: polveri, prodotti cartacei, pannelli
- Industria del vetro e ceramica: materie prime, argille, materiali trasparenti o lucidi
- Industria del packaging: ispezioni di livello o contenuto, prodotti secchi, frutta e vegetali

DESCRIPTION

Capacitive sensors have the ability to detect almost all materials, either in liquid or solid form, metallic or non metallic.

Main applicative sectors are:

- Plastic industry: resin, regrinds, moulded products
- Chemical industry: detergents, fertiliser, liquid soaps, petrolchemicals and corrosive products
- Wood industry: saw dust, paper products, panels
- Ceramic and glass industry: raw materials, clay, transparent or shiny objects
- Packaging industry: packaging inspection for level or content, dry products, fruita and vegetable

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Sensori Capacitivi Capacitive Sensors Manuale d'uso User manual

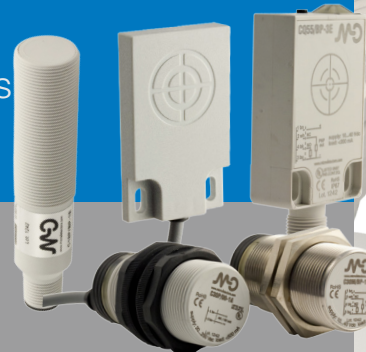
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Manuale d'uso Capacitivi
(C18,C30,CQ50,CQ55) ita/Ing. 01/2012

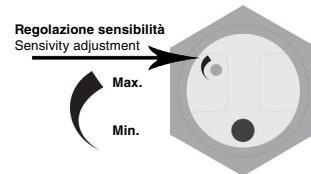


Micro Detectors

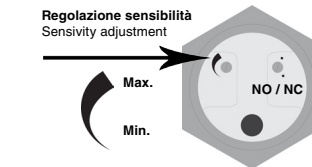
Italian Sensors Technology



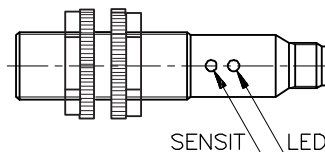
Modelli C30 – DC
Regolazione della sensibilità
 C30 models – DC
 Sensitivity adjustment



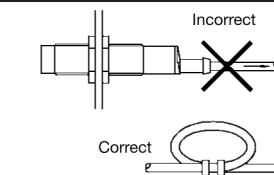
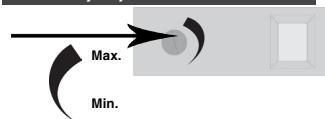
Modelli C30 – AC Regolazione della sensibilità e selezione NO/NC
 C30 models – AC Sensitivity adjustment and NO/NC selection



Modelli C18
Regolazione della sensibilità
 C18 models
 Sensitivity adjustment

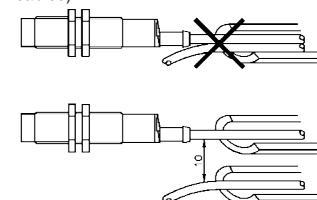


Modelli CQ55
Regolazione della sensibilità
 CQ55 models
 Sensitivity adjustment



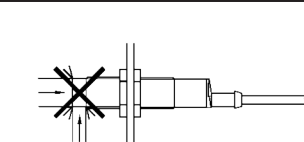
Per evitare interferenze dovute a carichi induttivi e picchi di corrente, separare i cavi dei sensori da cavi di potenza (cavi di motori, solenoidi, relè e inverter).

To avoid interference from inductive load and current peak, separate the proxy cable from power cable (motors, contactors, solenoids and inverters cables)



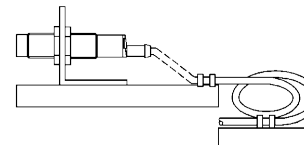
I cavi non devono essere montati in tensione

The cable should not be pulled



Il sensore non deve essere utilizzato come stop meccanico

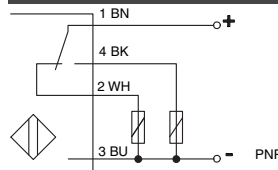
A proximity sensor should not be used as mechanical stop



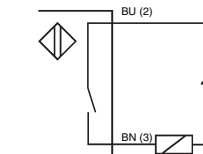
Installazione del sensore consigliata su un carrello mobile

Suggested proximity installation on a mobile shuttle

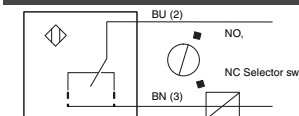
Modelli PNP – NO+NC
 PNP – NO+NC models



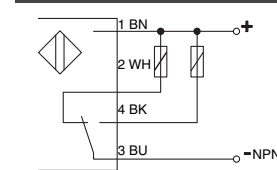
Modelli AC – NO
 AC – NO models



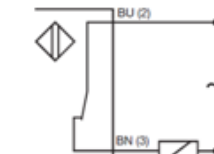
Modelli AC – NO/NC selezionabile
 AC – NO/NC selectable models



Modelli NPN – NO+NC
 NPN – NO+NC models



Modelli AC – NC
 AC – NC models



20 . 265 VAC

10 - 500 mA